STR-K980

SERVICE MANUAL

E Model

Ver. 1.0 2006.05

- STR-K980 is the tuner and the amplifier section in HT-DDW980.

Manufactured under license from Dolby Laboratories.
"Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.
"DTS" and "DTS Digital Surround" are registered trademarks of Digital Theater Systems, Inc.

SPECIFICATIONS

Amplifier section

Power Output[1)]

6 ohms 1 kHz, THD 0.7 %

FRONT[2)]	:	110 W/ch
CENTER[2)]	:	110 W
SUR[2)]	:	110 W/ch

Music power output

FRONT[2)]	:	140 W/ch
CENTER[2)]	:	140 W
SUR[2)]	:	140 W/ch

1) Measured under the following conditions:

Area code	Power requirements
MX	127 V AC, 60 Hz

2) Depending on the sound field settings and the source, there may be no sound output.

Inputs (Analog)

SA-CD/CD, MD/TAPE, DVD, VIDEO 1, 2, 3	Sensitivity: 800 mV Impedance: 50 kohms

Inputs (Digital)

DVD (Coaxial)	Sensitivity: – Impedance: 75 ohms
VIDEO 1, 2 (Optical)	Sensitivity: – Impedance: –

Outputs (Analog)

MD/TAPE (OUT), VIDEO 1 (AUDIO OUT)	Voltage: 800 mV Impedance: 10 kohms
SUB WOOFER	Voltage: 2 V Impedance: 1 kohm

Reproduction frequency range:
28 – 20,000 Hz

Tone

Gain levels	±6 dB, 1 dB step

FM tuner section

Tuning range	87.5 - 108.0 MHz
Antenna	FM wire antenna
Antenna terminals	75 ohms, unbalanced

Intermediate frequency
10.7 MHz

AM tuner section

Tuning range

With 10-kHz tuning scale:
530 – 1,610 kHz

Antenna	Loop antenna

Intermediate frequency
450 kHz

Video section

Inputs/Outputs

Video:	1 Vp-p, 75 ohms

COMPONENT VIDEO:
Y: 1 Vp-p, 75 ohms
P_B/C_B/B-Y: 0.7 Vp-p, 75 ohms
P_R/C_R/R-Y: 0.7 Vp-p, 75 ohms
80 MHz HD Pass Through

— Continued on next page —

MULTI CHANNEL AV RECEIVER

9-887-239-01
2006E1678-1
© 2006.05

Sony Corporation
Home Audio Division
Published by Sony Techno Create Corporation

SONY

General

Power requirements

Area code	Power requirements
MX	127 V AC, 60 Hz

Power consumption 190 W

Power consumption (during standby mode) 0.2 W

Dimensions (w/h/d) (Approx.) 430 × 157.5 × 316 mm including projecting parts and controls

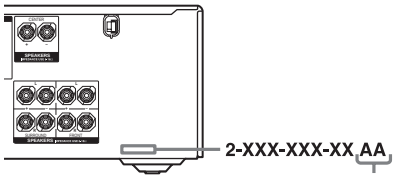
Mass (Approx.) 8.0 kg

Design and specifications are subject to change without notice.

- Abbreviation
  MX : Mexican model

About area codes

The area code of the receiver you purchased is shown on the lower right portion of the rear panel (see the illustration below).



Any differences in operation, according to the area code, are clearly indicated in the text, for example, “Models of area code AA only”.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 °C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350 °C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscou-s (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

TABLE OF CONTENTS

1. GENERAL 4

2. TEST MODE 13

3. DIAGRAMS

3-1. Block Diagram – MAIN Section – 16
3-2. Block Diagram – DISPLAY/POWER Section – 17
3-3. Printed Wiring Board – DIGITAL Board (Side A) – 18
3-4. Printed Wiring Board – DIGITAL Board (Side B) – 19
3-5. Schematic Diagram – DIGITAL Board (1/5) – 20
3-6. Schematic Diagram – DIGITAL Board (2/5) – 21
3-7. Schematic Diagram – DIGITAL Board (3/5) – 22
3-8. Schematic Diagram – DIGITAL Board (4/5) – 23
3-9. Schematic Diagram – DIGITAL Board (5/5) – 24
3-10. Printed Wiring Board – MAIN Board – 25
3-11. Schematic Diagram – MAIN Board (1/3) – 26
3-12. Schematic Diagram – MAIN Board (2/3) – 27
3-13. Schematic Diagram – MAIN Board (3/3) – 28
3-14. Printed Wiring Boards
– DISPLAY Board, POWER Board – 29
3-15. Schematic Diagram
– DISPLAY Board, POWER Board – 30
3-16. Printed Wiring Board – STANDBY Board – 31
3-17. Printed Wiring Board – SPEAKER C/SB Board – 32
3-18. Schematic Diagram
– SPEAKER C/SB Board, STANDBY Board – 33
3-19. Printed Wiring Boards – ADCC Board, VIDEO 3 Board,
SPEAKER B Board – 35
3-20. Schematic Diagram – ADCC Board, VIDEO 3 Board,
SPEAKER B Board – 35
3-21. Printed Wiring Boards
– VIDEO Board, HEADPHONE Board – 36
3-22. Schematic Diagram
– VIDEO Board, HEADPHONE Board – 37

4. EXPLODED VIEWS

4-1. Front Panel Section 45
4-2. Chassis Section 46

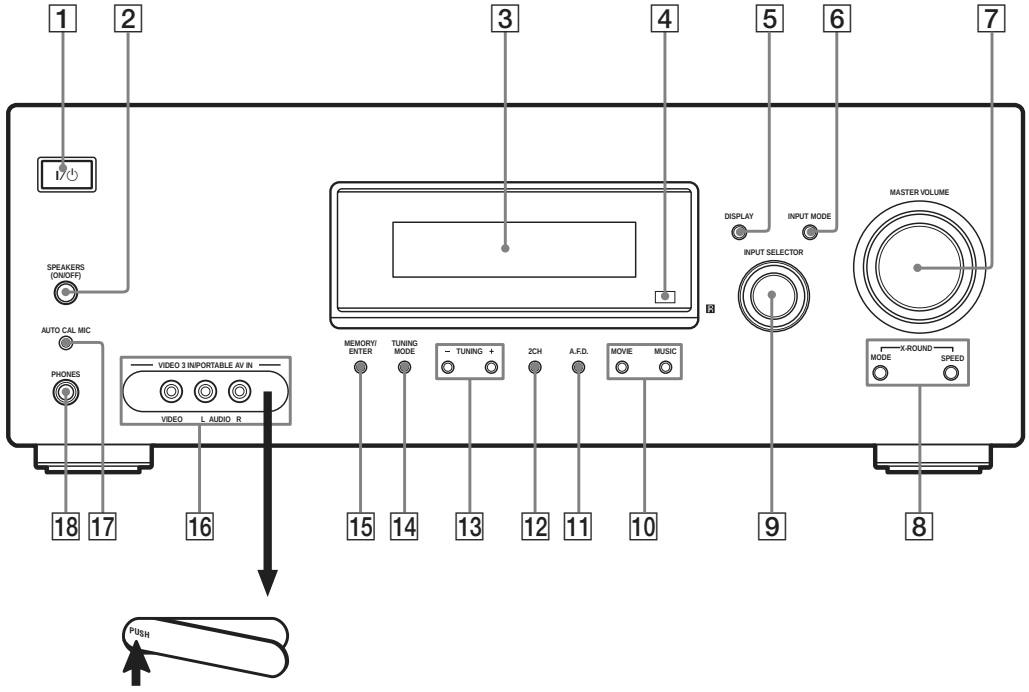
5. ELECTRICAL PARTS LIST 47

SECTION 1
GENERAL

This section is extracted from instruction manual.

Receptor

Panel frontal



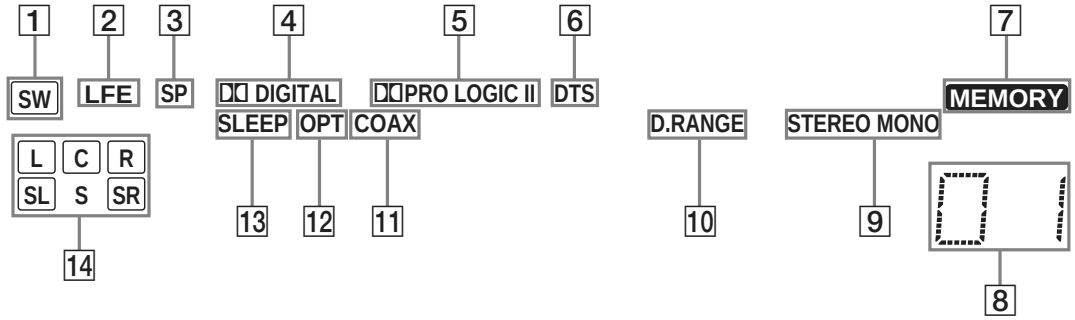
Para extraer la cubierta

Pulse PUSH.

Cuando extraiga la cubierta, manténgala fuera del alcance de los niños.

Nombre	Función
1 **I/⏻**	Púlselo para encender o apagar el receptor.
2 **SPEAKERS (ON/OFF)**	Púlselo para encender y apagar los altavoces y el altavoz potenciador de graves.
3 **Pantalla**	En la pantalla aparece el estado actual del dispositivo seleccionado o de una lista de elementos seleccionables.
4 **Sensor de mando a distancia**	Recibe señales del mando a distancia.
5 **DISPLAY**	Púlselo para seleccionar la información que se muestra en la pantalla.
6 **INPUT MODE**	Púlselo para seleccionar el modo de entrada cuando los mismos dispositivos están conectados a las tomas digital y analógica.
7 **MASTER VOLUME**	Gírelo para ajustar el nivel de volumen de todos los altavoces al mismo tiempo.
8 **X-ROUND SPEED**	Púlselo para ajustar la velocidad del efecto X-ROUND.
X-ROUND MODE	Púlselo para seleccionar el modo X-ROUND.
9 **INPUT SELECTOR**	Gírelo para seleccionar la fuente de entrada que desea reproducir.
10 **MOVIE, MUSIC**	Púlselo para seleccionar campos de sonido (MOVIE, MUSIC).
11 **A.F.D.**	Púlselo para seleccionar el modo A.F.D..
12 **2CH**	Púlselo para seleccionar el modo 2CH STEREO.
13 **TUNING +/–**	Púlselo para buscar una emisora.
14 **TUNING MODE**	Púlselo para seleccionar el modo de sintonización.
15 **MEMORY/ ENTER**	Púlselo para almacenar una emisora o introducir la selección cuando seleccione los ajustes.
16 **Tomas VIDEO 3 IN/PORTABLE AV IN**	Para conectar una videocámara o una consola de videojuegos.
17 **Toma AUTO CAL MIC**	Permite realizar la conexión con el micrófono optimizador ECM-AC2 suministrado para efectuar la función de calibración automática.
18 **Toma PHONES**	Permite conectar unos auriculares.

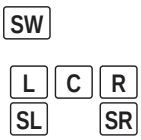
Acerca de los indicadores de la pantalla



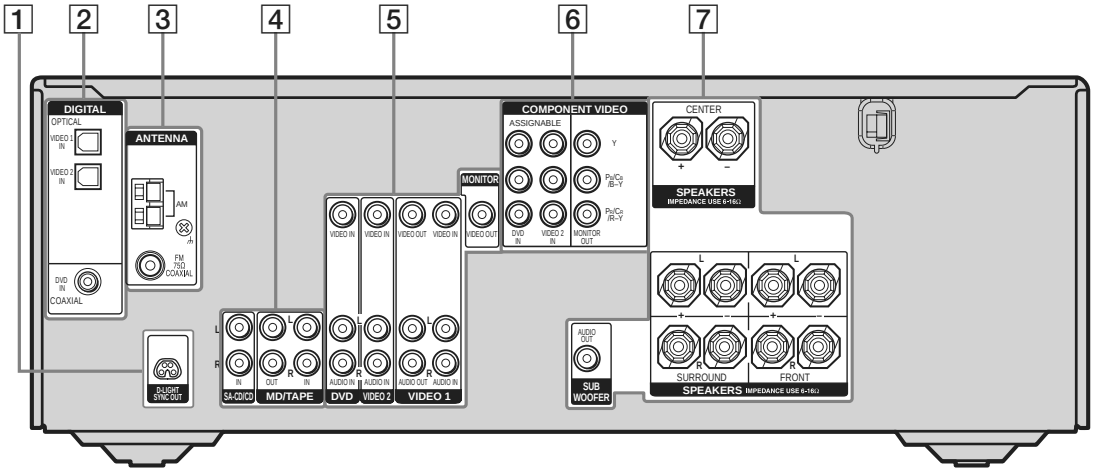
Nombre	Función
1 **SW**	Se ilumina cuando la señal de audio se emite a través de la toma SUB WOOFER.
2 **LFE**	Se ilumina si el disco que se está reproduciendo contiene un canal LFE (efecto de baja frecuencia) y actualmente se está reproduciendo la señal del mismo.
3 **SP**	Se ilumina en función del sistema de altavoces que se esté utilizando. Sin embargo, estos indicadores no se iluminan si la salida del altavoz está desactivada o si se conectan unos auriculares.
4 **DD DIGITAL**	Se ilumina al recibir señales Dolby Digital. **Nota** Si reproduce un disco en formato Dolby Digital, asegúrese de que ha realizado conexiones digitales y de que INPUT MODE no está ajustado en "ANALOG".

Nombre	Función
5 **DD PRO LOGIC (II)**	Se iluminará cuando el receptor aplique el procesamiento Pro Logic a las señales de 2 canales para emitir las señales de canal del altavoz central y de los altavoces de sonido envolvente. "DD PRO LOGIC II" se iluminará cuando el decodificador de los modos Pro Logic II Movie o Music estén activados. **Nota** La decodificación de Dolby Pro Logic IIx no funciona en las señales de formato DTS.
6 **DTS**	Se ilumina cuando se reciben señales DTS. **Nota** Si reproduce un disco en formato DTS, asegúrese de que ha realizado conexiones digitales y de que INPUT MODE no está ajustado en "ANALOG".
7 **MEMORY**	Se ilumina cuando se activa una función de memoria, como la de presintonía, etc.
8 **Indicadores de emisora memorizada**	Se iluminan cuando se utiliza un receptor para sintonizar emisoras de radio que se han memorizado. Para obtener más información acerca de la memorización de emisoras de radio.

Nombre	Función
9 **Indicadores del sintonizador**	Se iluminan cuando se utiliza el receptor para sintonizar emisoras de radio, etc.
10 **D.RANGE**	Se ilumina al activar la compresión de rango dinámico.
11 **COAX**	Se ilumina cuando INPUT MODE está ajustado en “AUTO” y la señal de fuente es una señal digital recibida a través de la toma COAXIAL o si INPUT MODE está ajustado en “COAX IN”.
12 **OPT**	Se ilumina cuando INPUT MODE está ajustado en “AUTO” y la señal de fuente es una señal digital recibida a través de la toma OPTICAL, o si INPUT MODE está ajustado en “OPT IN”.
13 **SLEEP**	Se ilumina cuando se activa el temporizador para dormir.

Nombre	Función
14 **Indicadores del canal de reproducción**	Las letras (L, C, R, etc.) indican los canales que se están reproduciendo. Las casillas situadas alrededor de las letras varían para mostrar el modo en que el receptor mezcla el sonido de la fuente.
L	Frontal izquierdo
R	Frontal derecho
C	Central (monoaural)
SL	Envolvente izquierdo
SR	Envolvente derecho
S	Envolvente (monoaural o los dispositivos envolventes obtenidos mediante el procesamiento Pro Logic)
	Ejemplo: Formato de grabación (Frontal/Envolvente): 3/2.1 Campo de sonido: A.F.D. AUTO 

Panel posterior



1 Sección D-LIGHT SYNC OUT

	Toma D-LIGHT SYNC OUT	Se conecta a un dispositivo de iluminación

2 Sección DIGITAL INPUT/OUTPUT

	Toma OPTICAL IN	Permite conectar un reproductor de DVD, etc. La toma COAXIAL ofrece una mejor calidad de sonidos altos.
	Toma COAXIAL IN	

3 Sección ANTENNA

	FM ANTENNA	Permite conectar la antena monofilar de FM suministrada con el receptor.
	AM ANTENNA	Permite conectar la antena cerrada de AM suministrada con el receptor.

4 Sección AUDIO INPUT/OUTPUT

Blanco (L-izquierdo) Rojo (R-derecho)	Toma AUDIO IN/OUT	Permite conectar una pletina de MD, un reproductor de CD, etc.

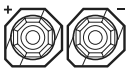
5 Sección VIDEO/AUDIO INPUT/OUTPUT

Blanco (L-izquierdo) Rojo (R-derecho)	Toma AUDIO IN/OUT	Permite conectar las tomas de audio e vídeo de una videograbadora o un reproductor de DVD.
Amarillo	Toma VIDEO IN/OUT[a)]	

6 Sección COMPONENT VIDEO INPUT/OUTPUT

Verde Azul Rojo	Toma COMPONENT VIDEO INPUT/ OUTPUT[b)]	Permite realizar la conexión a un reproductor de DVD, un televisor o un sintonizador vía satélite. Es posible disfrutar de imágenes de alta calidad.

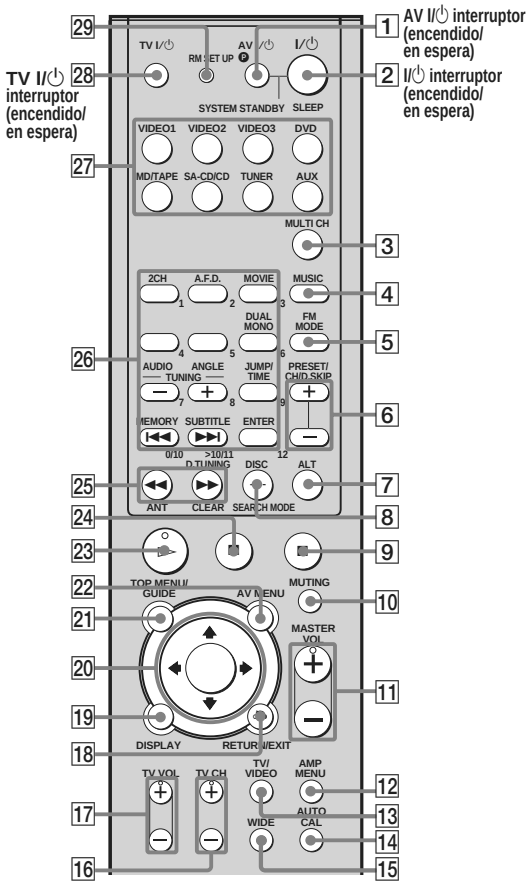
7 Sección SPEAKER

	Permite realizar la conexión con los altavoces.
	Permite realizar la conexión con el altavoz potenciador de graves.

[a] Es posible ver la imagen de entrada seleccionada si conecta la toma MONITOR OUT a un monitor de televisión.

Mando a distancia

Es posible utilizar el mando a distancia RM-AAP013 suministrado para utilizar el receptor y controlar los dispositivos de audio/vídeo Sony que el mando a distancia tiene asignado controlar. También puede programar el mando a distancia para que controle los dispositivos de audio/vídeo de otros fabricantes. Para obtener más información, consulte “Programación del mando a distancia”.



Nombre	Función
1 **AV I/⏻**	Púlselo para encender o apagar los componentes de audio y vídeo que el mando a distancia tiene asignados para controlar. Si pulsa **I**/⏻ (2), al mismo tiempo, se apagará el receptor y los otros dispositivos (SYSTEM STANDBY). **Nota** La función del interruptor AV **I**/⏻ cambia automáticamente cada vez que pulsa los botones de entrada (27).
2 **I/⏻**	Púlselo para encender o apagar el receptor. Para apagar todos los dispositivos, pulse **I**/⏻ y AV **I**/⏻ (1) al mismo tiempo (SYSTEM STANDBY).
SLEEP	Pulse ALT (7) y, a continuación, pulse SLEEP para activar la función del temporizador para dormir y el tiempo para que el receptor se apague automáticamente.
3 **MULTI CH**	Púlselo para seleccionar el audio directamente de los dispositivos conectados a las tomas MULTI CH IN.
4 **MUSIC**	Púlselo para seleccionar campos de sonido (MUSIC).
5 **FM MODE**	Púlselo para seleccionar la recepción FM monoaural o estéreo.
6 **PRESET/ CH/D.SKIP +/–**	Púlselo para – seleccionar emisoras memorizadas. – seleccionar canales memorizados del televisor, la videograbadora, el sintonizador vía satélite, la grabadora de discos Blu-ray o la grabadora de disco duro. – omitir discos del reproductor de CD, VCD, DVD, LD o la pletina de MD (sólo para equipos con cambiadores múltiples).

Nombre	Función
7 **ALT**	Púlselo para que se ilumine el botón. La función de la tecla del mando a distancia cambia para activar los botones cuya impresión es de color naranja.
8 **-/--**	Púlselo para seleccionar el modo de entrada de los canales, ya sea de uno o dos dígitos, del televisor, la grabadora de discos Blu-ray, la grabadora de disco duro, la consola PSX o el sintonizador vía satélite.
DISC	Púlselo para seleccionar un disco directamente desde el reproductor de CD o VCD (sólo para equipos con cambiadores múltiples).
SEARCH MODE	Púlselo para seleccionar el modo de búsqueda o la unidad de búsqueda (pista, índice, etc.) del reproductor de DVD.
9 ■	Púlselo para detener la reproducción de la videograbadora, el reproductor de CD, VCD, LD o DVD, la pletina de MD, DAT o casete, la grabadora de discos Blu-ray, la grabadora de disco duro o bien la consola PSX.
10 **MUTING**	Púlselo para silenciar el sonido.
11 **MASTER VOL +[a]/–**	Púlselo para ajustar el nivel de volumen de todos los altavoces al mismo tiempo.
12 **AMP MENU**	Púlselo para que se muestre el menú del receptor. A continuación, utilice los botones de control para llevar a cabo operaciones de menú.
13 **TV/VIDEO**	Púlselo para seleccionar la señal de entrada (entrada de TV o de vídeo).
14 **AUTO CAL**	Púlselo para activar la función de calibración automática.
15 **WIDE**	Pulse ALT (7) y, a continuación, pulse WIDE para seleccionar el modo de imagen panorámica.

Nombre	Función
16 **TV CH +a)/–**	Púlselo para seleccionar canales de televisión presintonizados.
17 **TV VOL +a)/–**	Púlselo para ajustar el nivel de volumen del televisor.
18 **RETURN/ EXIT** ↶	Púlselo para – volver al menú anterior. – salir del menú mientras aparece en la pantalla del televisor el menú o la guía en pantalla del reproductor de VCD, LD o DVD o bien la grabadora de discos Blu-ray, la grabadora de disco duro, la consola PSX o el sintonizador vía satélite.
19 **DISPLAY**	Púlselo para seleccionar información en la pantalla del televisor procedente del mismo televisor, la videograbadora, el reproductor de VCD, LD, DVD o CD, la pletina de MD, la grabadora de discos Blu-ray, la grabadora de disco duro, la consola PSX o el sintonizador vía satélite.
20 **Botones de control**	Después de pulsar AMP MENU (12), TOP MENU/ GUIDE (21), o AV MENU (22), pulse el botón de control ↑, ↓, ← o → para seleccionar los ajustes. Cuando pulse TOP MENU/GUIDE o AV MENU, pulse el botón de control para introducir la selección.
21 **TOP MENU/ GUIDE**	Púlselo para que aparezca – el título del DVD. – el menú o la guía en pantalla del sintonizador vía satélite, la grabadora de discos Blu-ray, la grabadora de disco duro o la consola PSX en la pantalla del televisor. A continuación, utilice los botones de control para llevar a cabo operaciones de menú.

Nombre	Función
22 **AV MENU**	Púlselo para que aparezcan los menús de la videograbadora, el reproductor de DVD, el sintonizador vía satélite, la grabadora de discos Blu-ray, la grabadora de disco duro o la consola PSX en la pantalla del televisor. A continuación, utilice los botones de control para llevar a cabo operaciones de menú.
23 ▷a)	Púlselo para iniciar la reproducción de la videograbadora, el reproductor de CD, VCD, LD o DVD, la pletina de MD, DAT o casete, la grabadora de discos Blu-ray, la grabadora de disco duro o bien la consola PSX.
24 ❚❚	Púlselo para hacer una pausa durante la reproducción o la grabación de la videograbadora, el reproductor de CD, VCD, LD o DVD, la pletina de MD, DAT o casete, la grabadora de discos Blu-ray, la grabadora de disco duro o bien la consola PSX. (También inicia la grabación con dispositivos en modo de espera.)
25 ◀◀/▶▶	Púlselo para – buscar pistas hacia delante o hacia atrás en el reproductor de CD, VCD, DVD o LD, la pletina de MD, la grabadora de discos Blu-ray, la grabadora de disco duro o bien la consola PSX. – avanzar o rebobinar rápidamente en la videograbadora, la pletina de DAT o la pletina de casete.
D.TUNING	Púlselo para entrar en el modo de sintonización directa.
ANT	Pulse ALT (7) y, a continuación, pulse ANT para seleccionar la señal de salida del terminal de la videograbadora o el sintonizador vía satélite (señal de televisión o de vídeo).

Nombre	Función
25 **CLEAR**	Pulse ALT (7) y, a continuación, pulse CLEAR para – eliminar un error cometido al pulsar el botón numérico incorrecto. – volver a la reproducción continua, etc. del reproductor de CD o DVD, la grabadora de discos Blu-ray, la consola PSX o bien el sintonizador vía satélite.
26 **TUNING +/–**	Púlselo para buscar una emisora.
I◄◄ /►►I	Púlselo para omitir pistas de la videograbadora, el reproductor de CD, VCD, LD o DVD, la pletina de MD, DAT o casete, la grabadora de discos Blu-ray, la grabadora de disco duro o bien la consola PSX.
2CH	Púlselo para seleccionar el modo 2CH STEREO.
A.F.D.	Púlselo para seleccionar el modo A.F.D.
MOVIE	Púlselo para seleccionar campos de sonido (MOVIE).
DUAL MONO	Púlselo para seleccionar el idioma en el que desea ver la emisión digital.
AUDIO	Púlselo para cambiar el sonido procedente del televisor, la videograbadora, el reproductor de DVD, el sintonizador vía satélite, la grabadora de discos Blu-ray, la grabadora de disco duro o bien la consola PSX a sonido Multiplex, Bilingüe o Multi Channel TV.
ANGLE	Púlselo para seleccionar el ángulo de visualización o bien cambiar los ángulos del reproductor de DVD o la grabadora de discos Blu-ray.

Nombre	Función
26 **JUMP/TIME**	Púlselo para – alternar entre el canal anterior y el actual del sintonizador vía satélite, el televisor o la grabadora de discos Blu-ray. – mostrar la hora o visualizar el tiempo de reproducción de un disco, etc. del reproductor de CD, VCD o DVD o bien la pletina de MD.
MEMORY	Pulse MEMORY para almacenar una emisora.
SUBTITLE	Pulse ALT (7) y, a continuación, pulse SUBTITLE para cambiar los subtítulos del reproductor de DVD.
ENTER	Pulse ALT (7) y, a continuación, pulse ENTER para introducir el valor tras seleccionar un canal, disco o pista con los botones numéricos.
Botones numéricos	Pulse ALT (7) y, a continuación, pulse los botones numéricos para – memorizar emisoras o sintonizar emisoras para memorizarlas. – seleccionar números de pista del reproductor de CD, VCD, LD o DVD o bien de la pletina de MD, DAT o casete. Pulse 0/10 para seleccionar el número de pista 10. – seleccionar números de canal del televisor, la videograbadora, el sintonizador vía satélite, la grabadora de discos Blu-ray, la grabadora de disco duro o la consola PSX.
>10/11	Pulse ALT (7) y, a continuación, pulse >10/11 para seleccionar números de pista mayores que 10 en el reproductor de CD, VCD, LD, la pletina de MD o casete, el televisor, la videograbadora, la grabadora de discos Blu-ray, la grabadora de disco duro, la consola PSX o el sintonizador vía satélite.

Nombre	Función
27 **Botones de introducción**	Pulse uno de los botones de introducción para seleccionar el dispositivo que desee utilizar. Cuando pulse cualquiera de los botones de introducción, se encenderá el receptor. Los botones han sido asignados en fábrica para controlar dispositivos Sony de la forma siguiente. Si desea programar el mando a distancia para que controle los dispositivos de otros fabricantes, siga los pasos que aparecen en “Programación del mando a distancia”.

Botón	Dispositivo Sony asignado
VIDEO1	Videograbadora (modo VTR 3)
VIDEO2	Videograbadora (modo VTR 1)
VIDEO3	Videograbadora (modo VTR 2)
DVD	Reproductor de DVD
MD/TAPE	Pletina de MD
SA-CD/CD	Reproductor de CD de Super Audio/CD
TUNER	Sintonizador incorporado
AUX*	No asignado

* El botón AUX no funciona con el receptor.

28 **TV I/⏻**	Púlselo para encender o apagar el televisor.
29 **RM SET UP**	Púlselo para configurar el mando a distancia.

[a] Los botones correspondientes MASTER VOL +, TV VOL +, TV CH + y ▷ tienen puntos táctiles. Utilícelos como referencia cuando use el receptor.

Notas

Es posible que, dependiendo del modelo, algunas funciones explicadas en esta sección no funcionen.
Las explicaciones anteriores se facilitan únicamente a título de ejemplo. Por consiguiente, en función del dispositivo, es posible que la operación anterior no se pueda efectuar o se realice de manera diferente.
Los botones AUX, 12 y MULTI CH del mando a distancia no funcionan con el receptor.

SECTION 2
TEST MODE

FACTORY PRESET MODE

All preset contents are reset to the default setting.

Procedure:

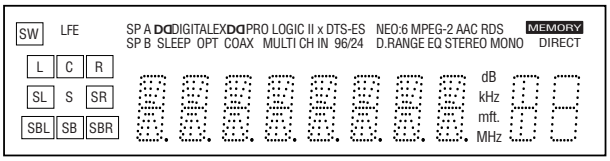
1. While depressing the SPEAKERS (ON/OFF) and the MOVIE buttons simultaneously, press the power I/⏻ button to turn on the main power.
2. The message “FACTORY” appears and the present contents are reset to the default values. (5 second)

FLUORESCENT INDICATOR TUBE TEST MODE

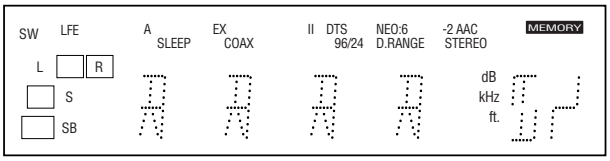
All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.

Procedure:

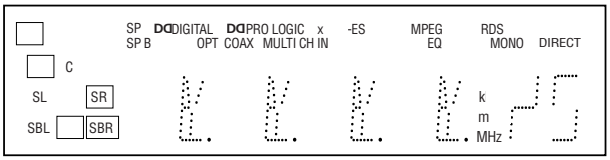
1. While depressing the TUNING MODE and the DISPLAY buttons simultaneously, press the power I/⏻ button to turn on the main power.
2. All segments turn on.



3. Turn the INPUT SELECTOR dial.



4. Turn the INPUT SELECTOR dial once again.



5. Turn the INPUT SELECTOR dial once again. All segments turn off.

6. Every turning of the INPUT SELECTOR dial turns on each segment one after another in the same order.

SOUND FIELD CLEAR MODE

The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

Procedure:

1. While depressing the 2CH button, press the power I/⏻ button to turn on the main power.
2. The message “S.F. CLR.” appears and initialization is performed. (5 second)

SOFTWARE VERSION DISPLAY MODE

The software version is displayed.

Procedure:

1. While depressing the SPEAKERS (ON/OFF) and the DISPLAY buttons simultaneously, press the power I/⏻ button to turn on the main power.
2. The model name, destination and the software version are displayed. (7 second)
   For example, “M_I_ _AR_1.14_00”

KEY CHECK MODE

Button check

Procedure:

1. While depressing the SPEAKERS (ON/OFF) and the 2CH buttons simultaneously, press the power I/⏻ button to turn on the main power.
   “REST 13” appears.
2. Every pressing of any button other than I/⏻ counts down the buttons. The buttons which are already counted once are not counted again.
3. Press all the key except X-ROUND SPEED and X-ROUND MODE buttons.
4. “REST 02” appears.
5. Turn off the set.
6. Turn on the set and manually press the X-ROUND MODE button. Either the message “X-WAVE”, “X-FADER”, “X-BAL” or “X-OFF” appears.
7. Press the X-ROUND SPEED button, “SPEED_ _” appears.

CHANGE COMMON MODE

This mode is command mode changed to AV 1 or AV2.

Procedure:

1. While depressing the INPUT MODE button, press the power I/⏻ button to turn on the main power.
2. Either the message “C.MODE.AV 1” or “C.MODE.AV 2” appears. (3 second)

SHIPMENT MODE

All preset contents are reset to the default setting.

Procedure:

1. While depressing the SPEAKERS (ON/OFF) and the MUSIC buttons simultaneously, press the power I/⏻ button to turn on the main power.
2. “CLEARED” appears and switch off the set.

PROTECTOR

Procedure:

1. While depressing the TUNING MODE and the A.F.D. buttons simultaneously, press the power I/⏻ button to turn on the main power.
2. “ PROT. EVER” appears. (3 second)

DECODE AUTO ALL

Procedure:

1. While depressing the TUNING MODE and the MOVIE buttons simultaneously, press the power I/⏻ button to turn on the main power.
2. “DEC. TEST” appears. (10 second)

VACS CONTROL

Procedure:

1. While depressing the TUNING MODE and the MUSIC buttons simultaneously, press the power I/⏻ button to turn on the main power.
2. "VACS OFF" appears. (10 second)

SWAP ALL MODE

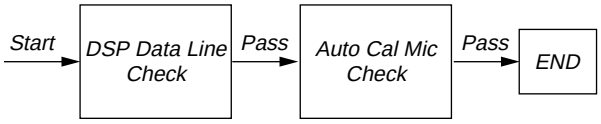
Procedure:

1. While depressing the SPEAKERS (ON/OFF) and the A.F.D. buttons simultaneously, press the power I/⏻ button to turn on the main power.
2. "SWP.ALL" appears. (No change while displayed.)

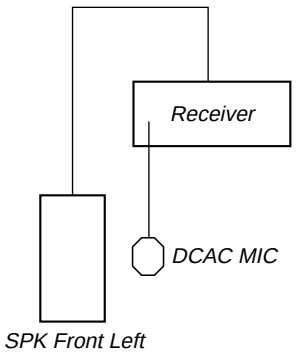
DCAC FACTORY TEST MODE

DCAC Factory Test mode have two stages:

1. DCAC DSP Data Line Checking
2. DCAC AUTO CAL MIC board Checking



Factory Test System Setup



1. When power off :
   Press the three buttons TUNING + + MOVIE + I/⏻ . (Make sure volume is not MIN, example "VOL 1")
   "DCAC□FTM" appears.
   Afterward, press the TUNING MODE to start DCAC factory test mode.

1. DCAC DSP Data Line Checking

After press the TUNING MODE , DCAC Factory test mode will start, below display will show:

"DCAC□□□x" x = 1, 2, 3, 4

If there is error happen, below display will show:

"ERR□SD0x" x = 1 → D1501 or R1530 or C1512 problem
x = 2 → D1502 problem
x = 3 → D1503 problem
x = 4 → D1504 problem

2. DCAC AUTO CAL MIC board Checking

Connect front left speaker of the receiver and AUTO CAL microphone. Turn MASTER VOLUME jog, there will be test tone sound output from front left speaker, and the display will change accordingly.

"AD□-□xxx" xxx = 0 to 255 (depends on loudness of test tone)

SECTION 3
DIAGRAMS

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

For Schematic Diagrams.
Note:

- All capacitors are in µF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

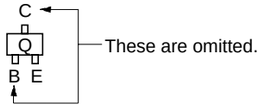
- : B+ Line.
- : B– Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  No mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
- Circled numbers refer to waveforms.
- Signal path.
  : FM
  : ANALOG
  : DIGITAL
  : VIDEO

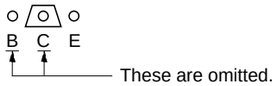
For Printed Wiring Boards.
Note:

- : parts extracted from the component side.
- ○ : Through hole.
- △ : internal component.
- : Pattern from the side which enables seeing.

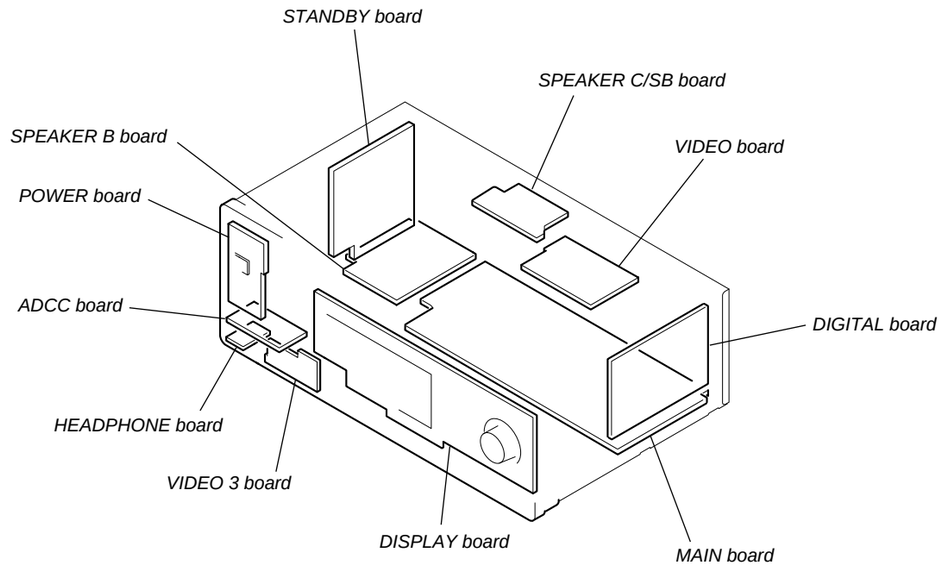
Caution:	
Parts face side: (Side A)	Parts on the parts face side seen from the parts face are indicated.
Pattern face side: (Side B)	Parts on the pattern face side seen from the pattern face are indicated.

- Indication of transistor.





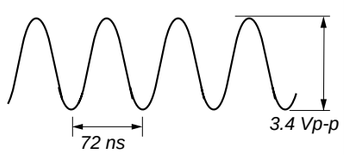
- **Circuit Boards Location**



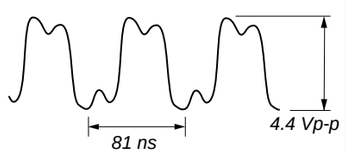
- **Waveforms**

– DIGITAL Board –

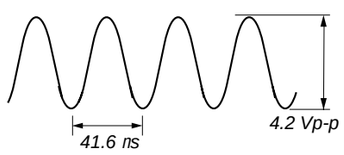
① IC1501 ⑨ (MCLK1)



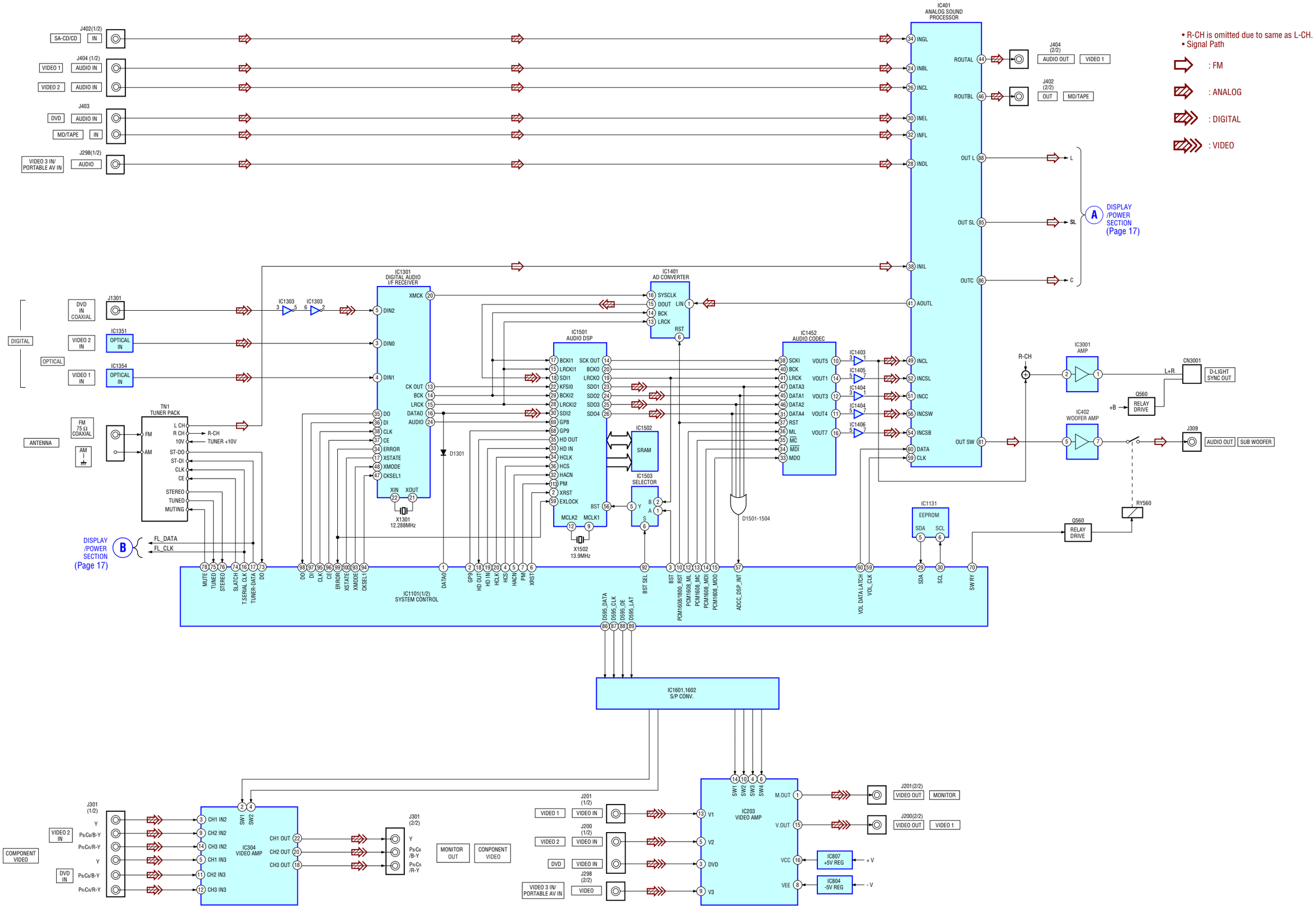
③ IC1301 ㉒ (XIN)



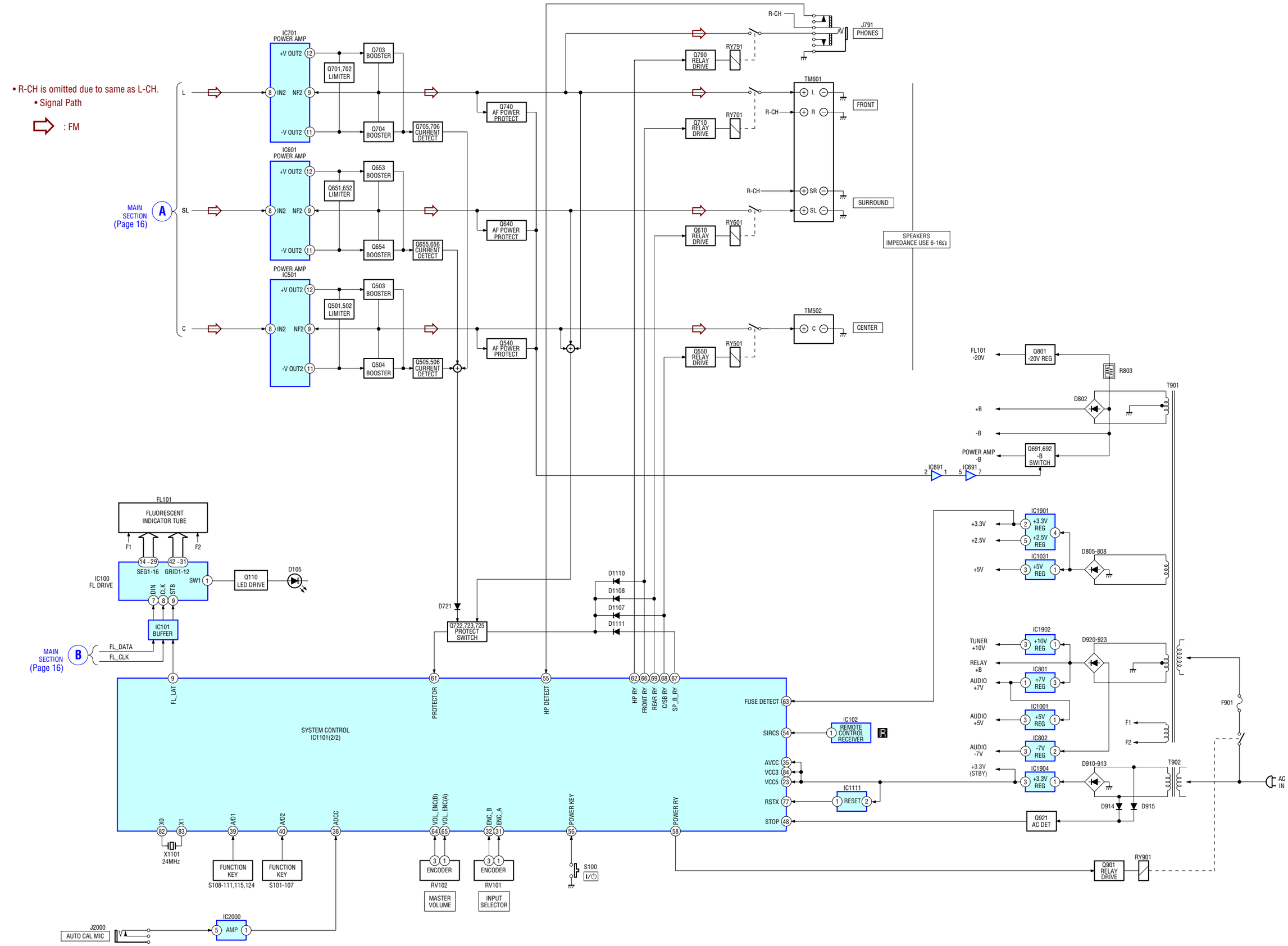
② IC1101 ㉝ (X1)



3-1. BLOCK DIAGRAM – MAIN SECTION –



3-2. BLOCK DIAGRAM – DISPLAY/POWER SECTION –

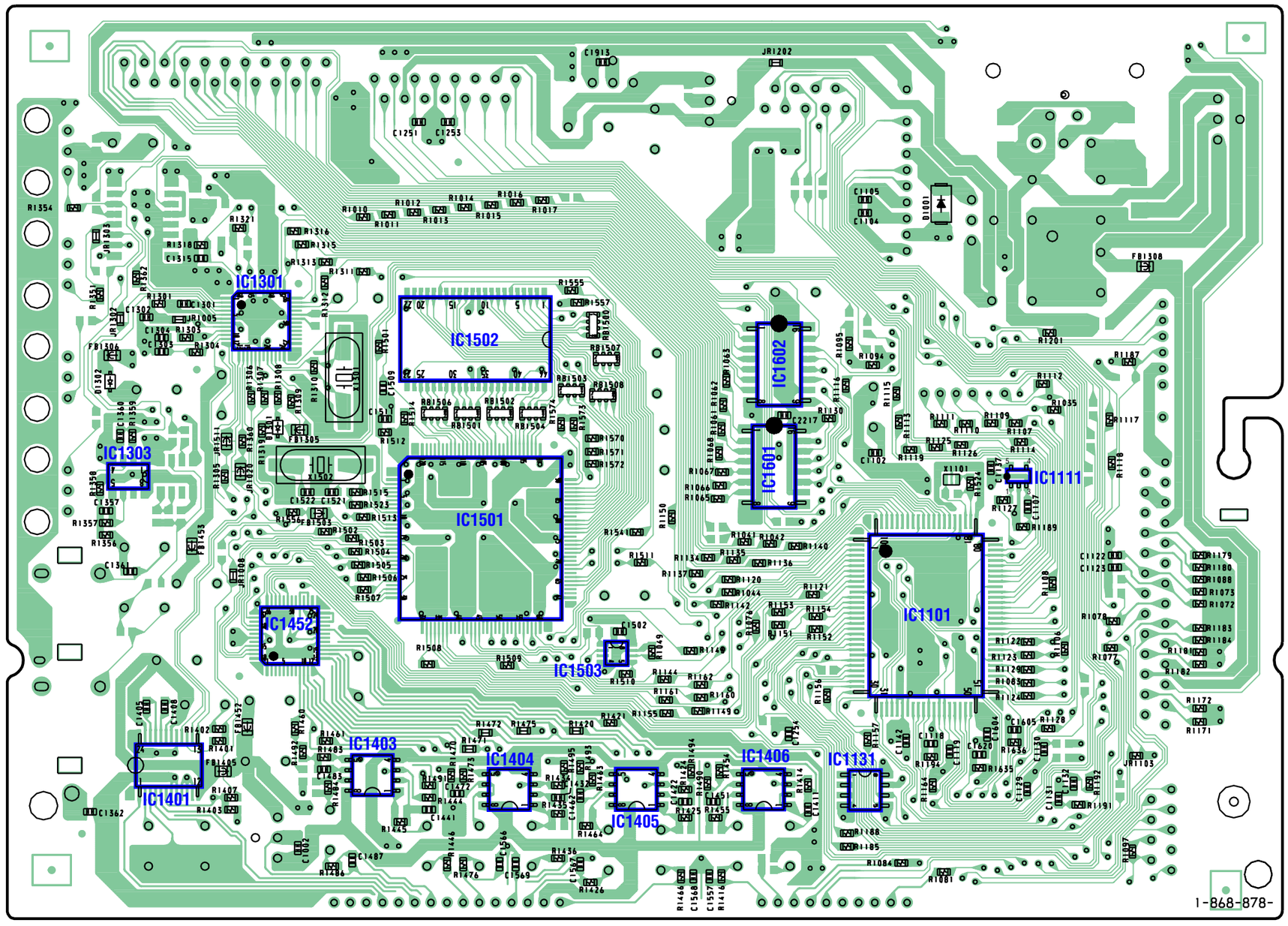


3-3. PRINTED WIRING BOARD – DIGITAL BOARD (SIDE A) –

• See page 15 for Circuit Boards Location.

:Uses unleaded solder.

【DIGITAL BOARD】(SIDE A)



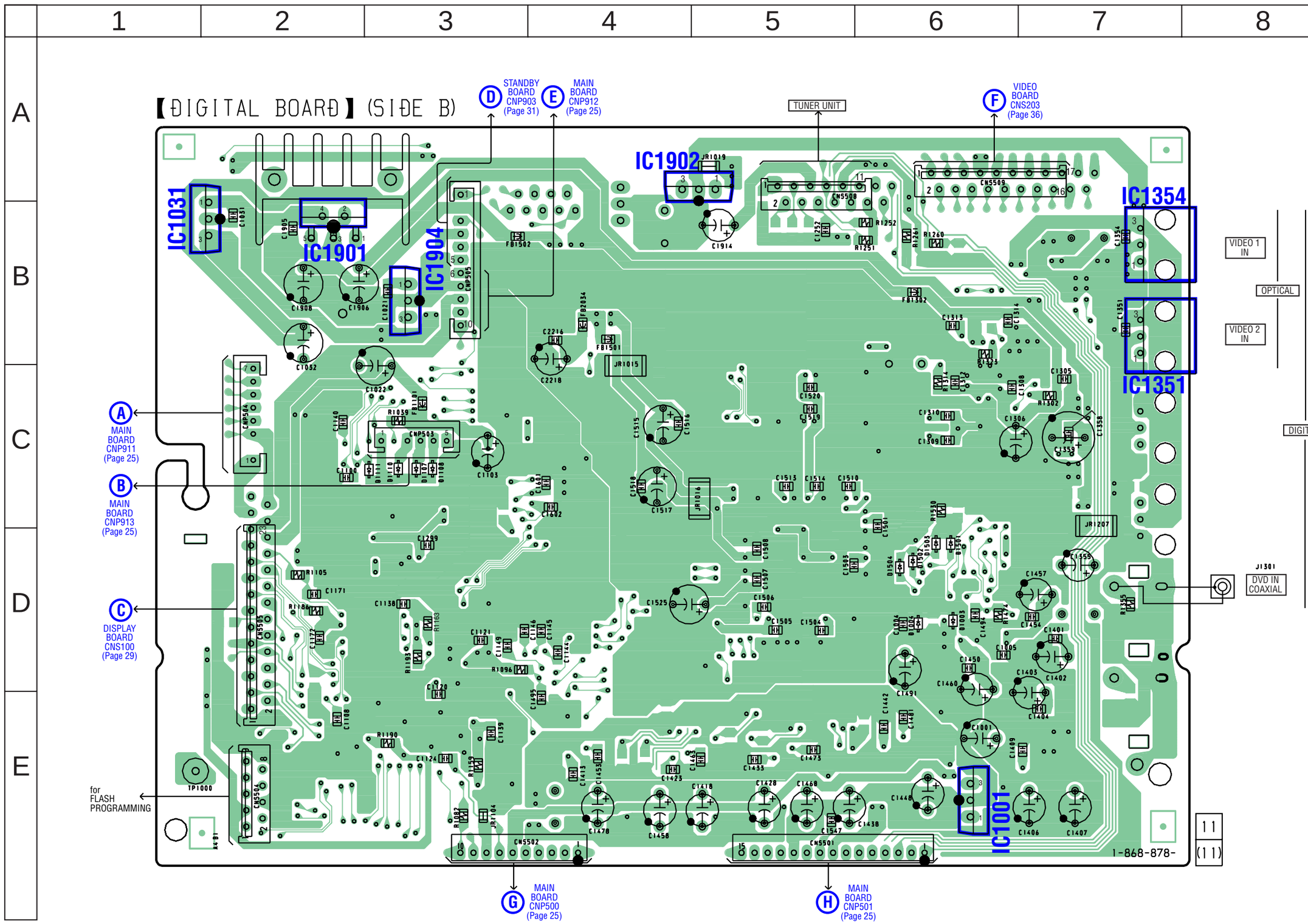
- **Semiconductor Location**

Ref. No.	Location
D1001	B-6
D1301	C-2
D1302	C-1
D1501	D-6
D1502	D-6
IC1101	D-5
IC1111	C-6
IC1131	E-5
IC1301	B-2
IC1303	C-2
IC1401	E-2
IC1403	E-3
IC1404	E-3
IC1405	E-4
IC1406	E-5
IC1452	D-2
IC1501	D-3
IC1502	C-3
IC1503	D-4

3-4. PRINTED WIRING BOARD – DIGITAL BOARD (SIDE B) –

• See page 15 for Circuit Boards Location.

:Uses unleaded solder.

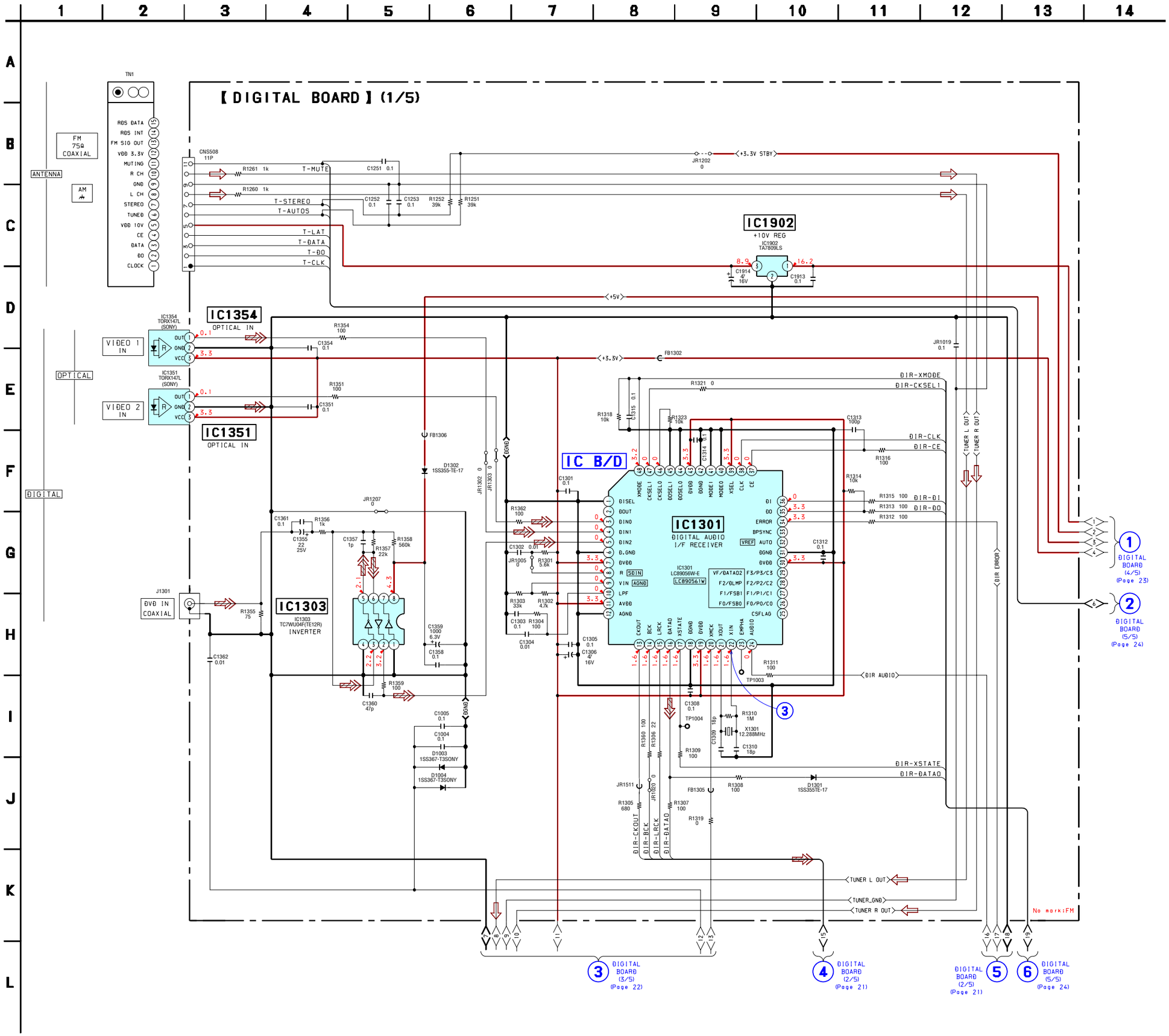


- **Semiconductor Location**

Ref. No.	Location
D1003	D-6
D1004	D-6
D1107	C-3
D1108	C-3
D1110	C-3
D1111	C-3
D1503	D-6
D1504	D-6
IC1001	E-6
IC1031	B-1
IC1351	C-7
IC1354	B-7
IC1601	C-5
IC1602	C-5
IC1901	B-2
IC1902	A-4
IC1904	B-3

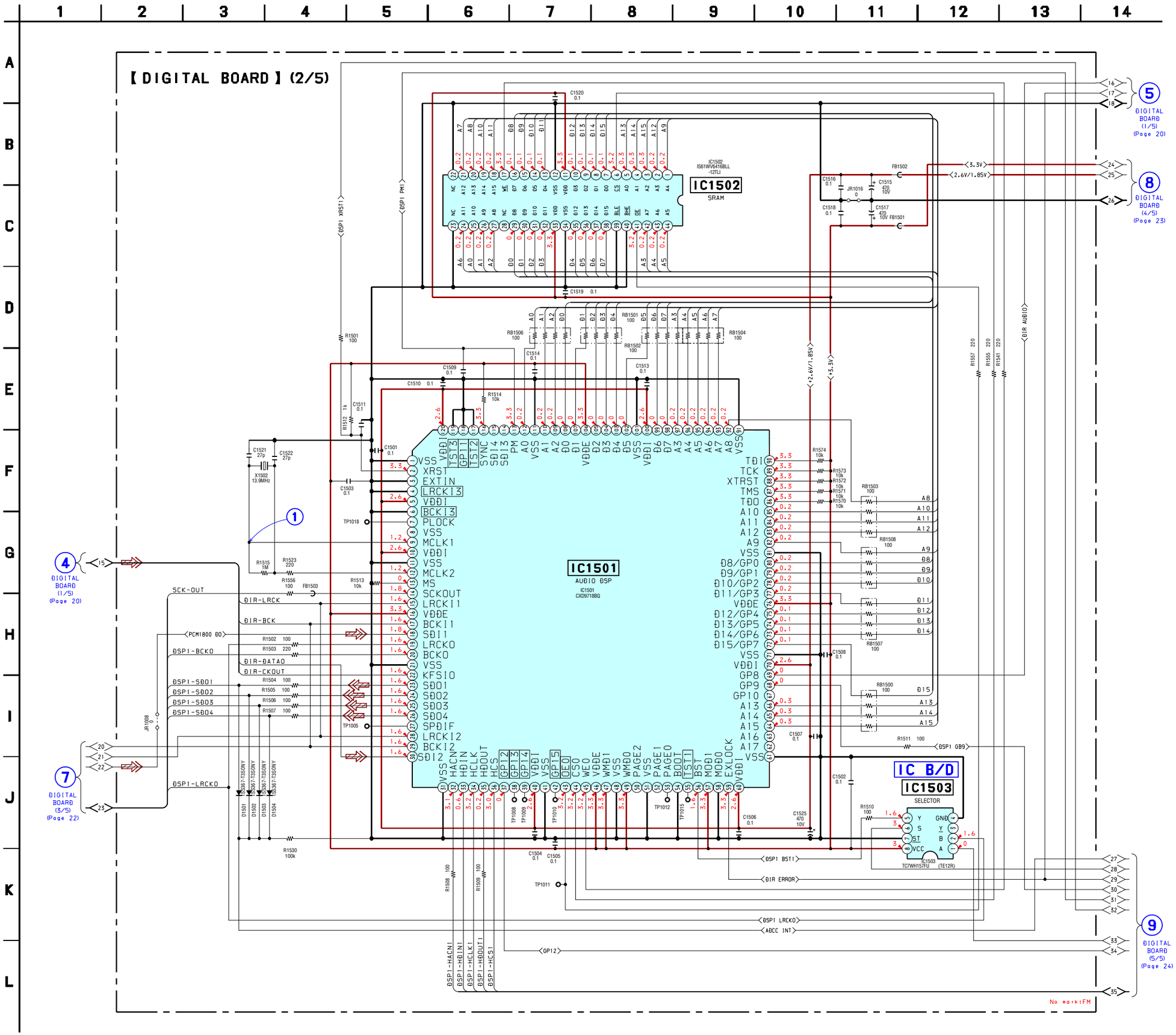
3-5. SCHEMATIC DIAGRAM – DIGITAL BOARD (1/5) –

• See page 15 for Waveform. • See page 38 for IC Block Diagram.



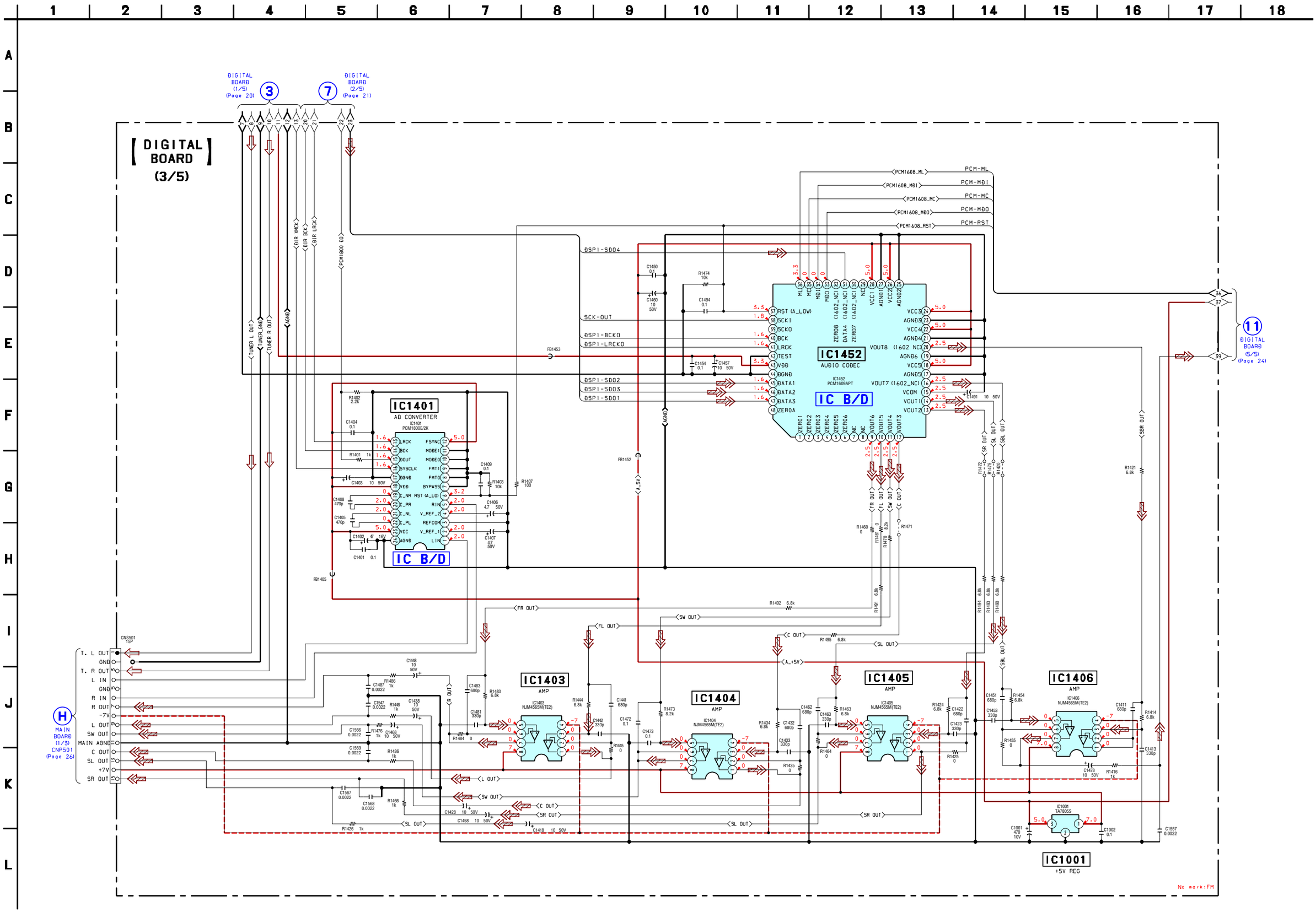
3-6. SCHEMATIC DIAGRAM – DIGITAL BOARD (2/5) –

• See page 15 for Waveform. • See page 38 for IC Block Diagram.



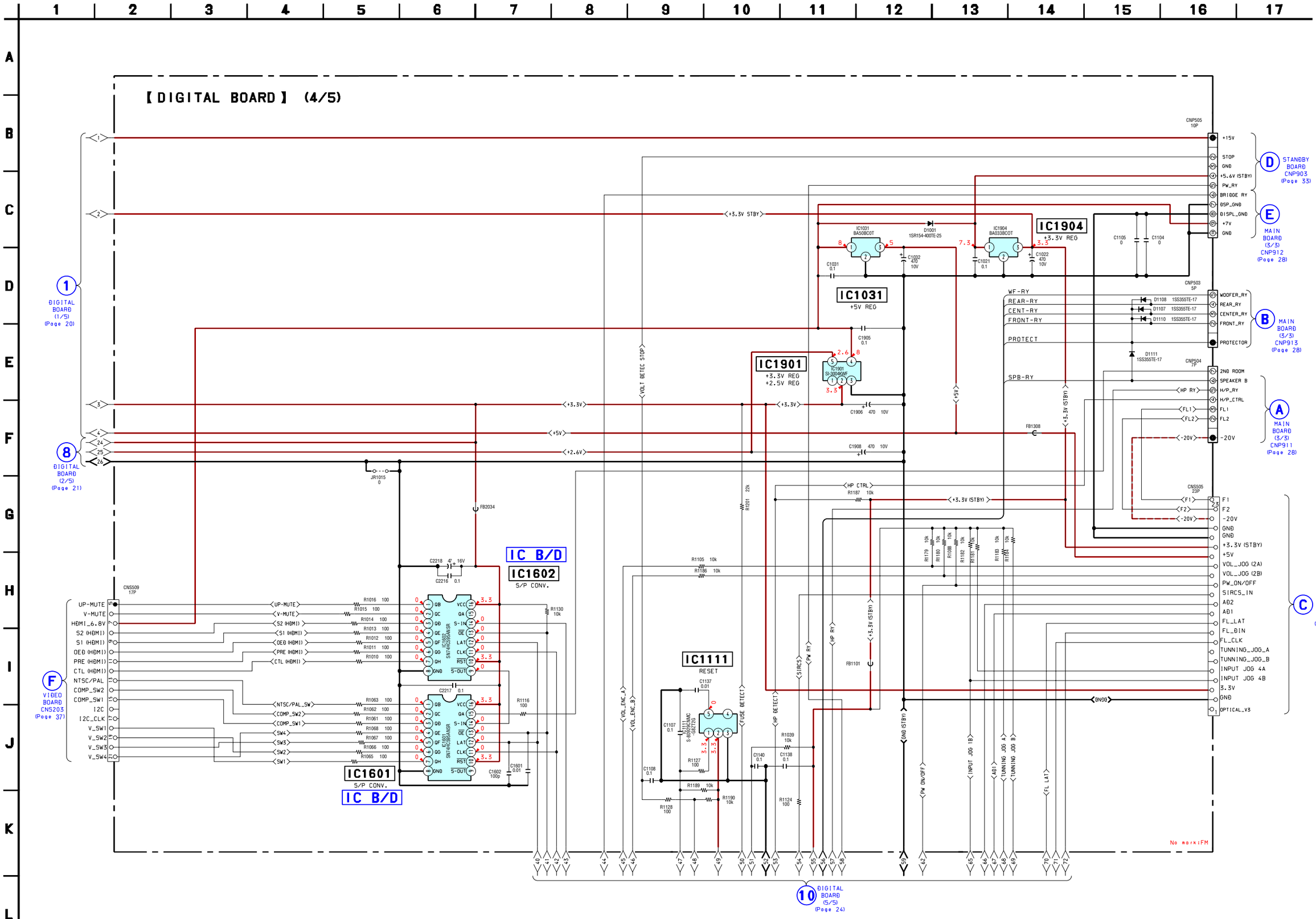
3-7. SCHEMATIC DIAGRAM – DIGITAL BOARD (3/5) –

• See page 38, 39 for IC Block Diagrams.



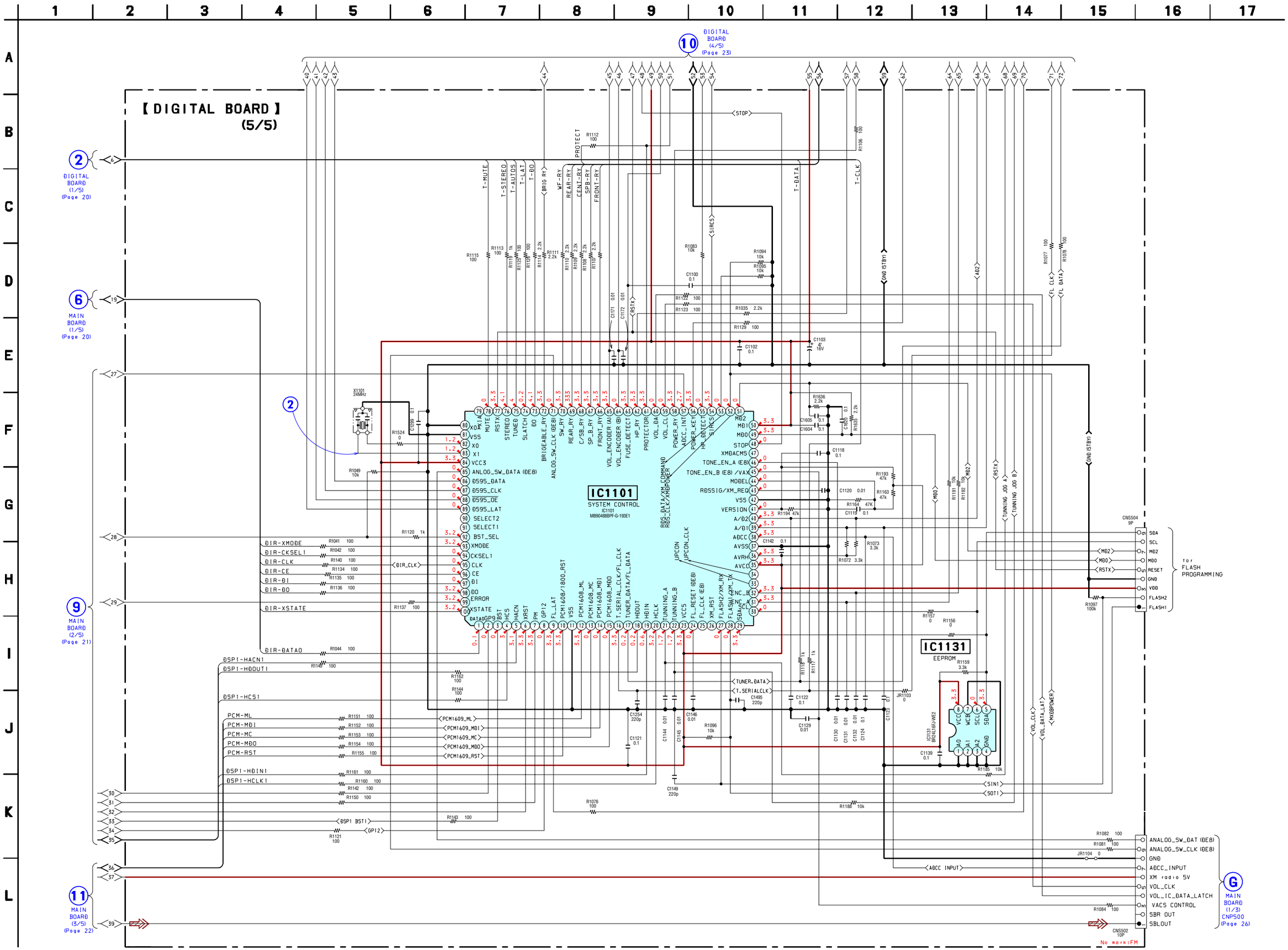
3-8. SCHEMATIC DIAGRAM – DIGITAL BOARD (4/5) –

• See page 38 for IC Block Diagrams.



3-9. SCHEMATIC DIAGRAM – DIGITAL BOARD (5/5) –

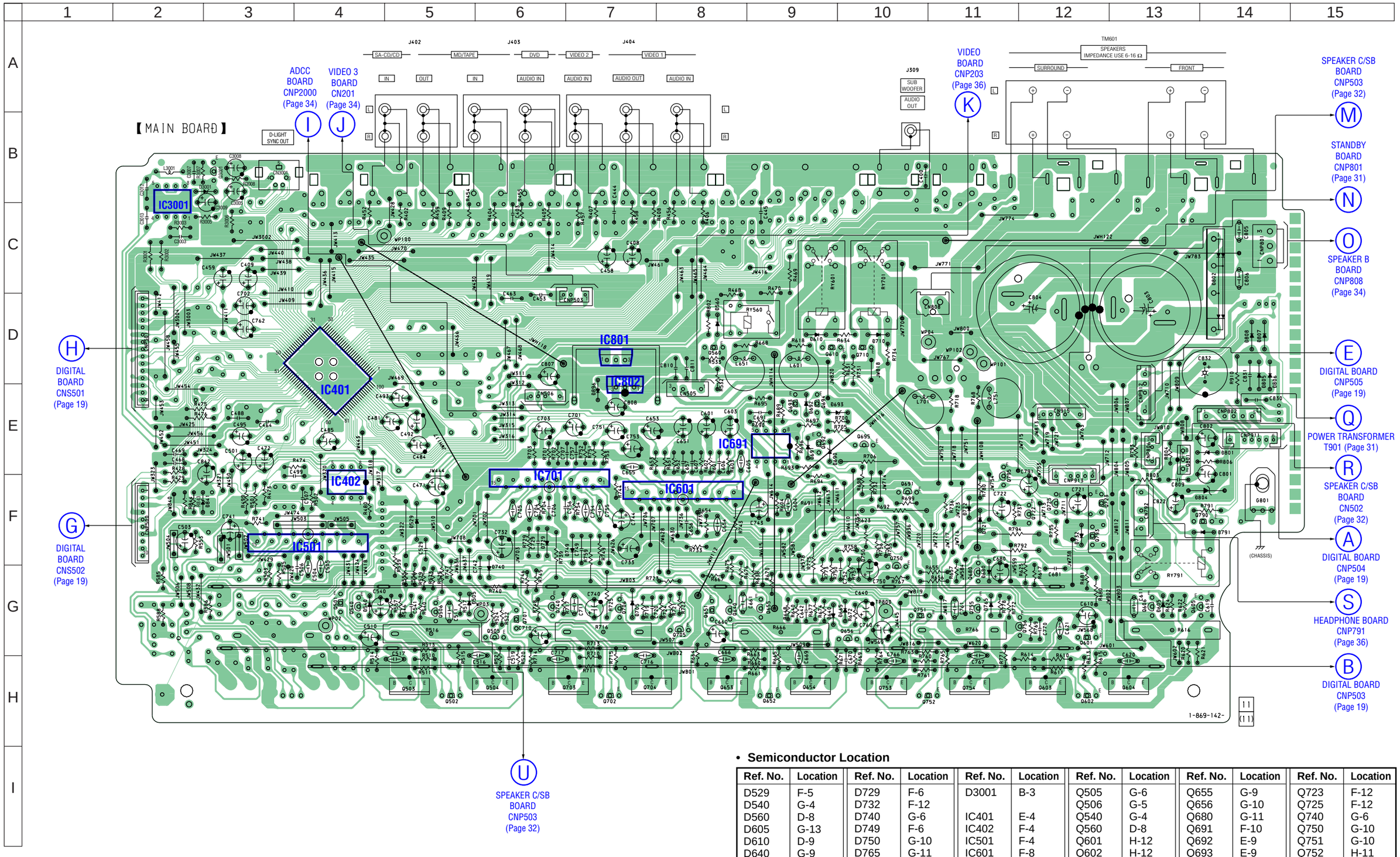
• See page 15 for Waveform. • See page 42 for IC Pin Function Description.



3-10. PRINTED WIRING BOARD – MAIN BOARD –

• See page 15 for Circuit Boards Location.

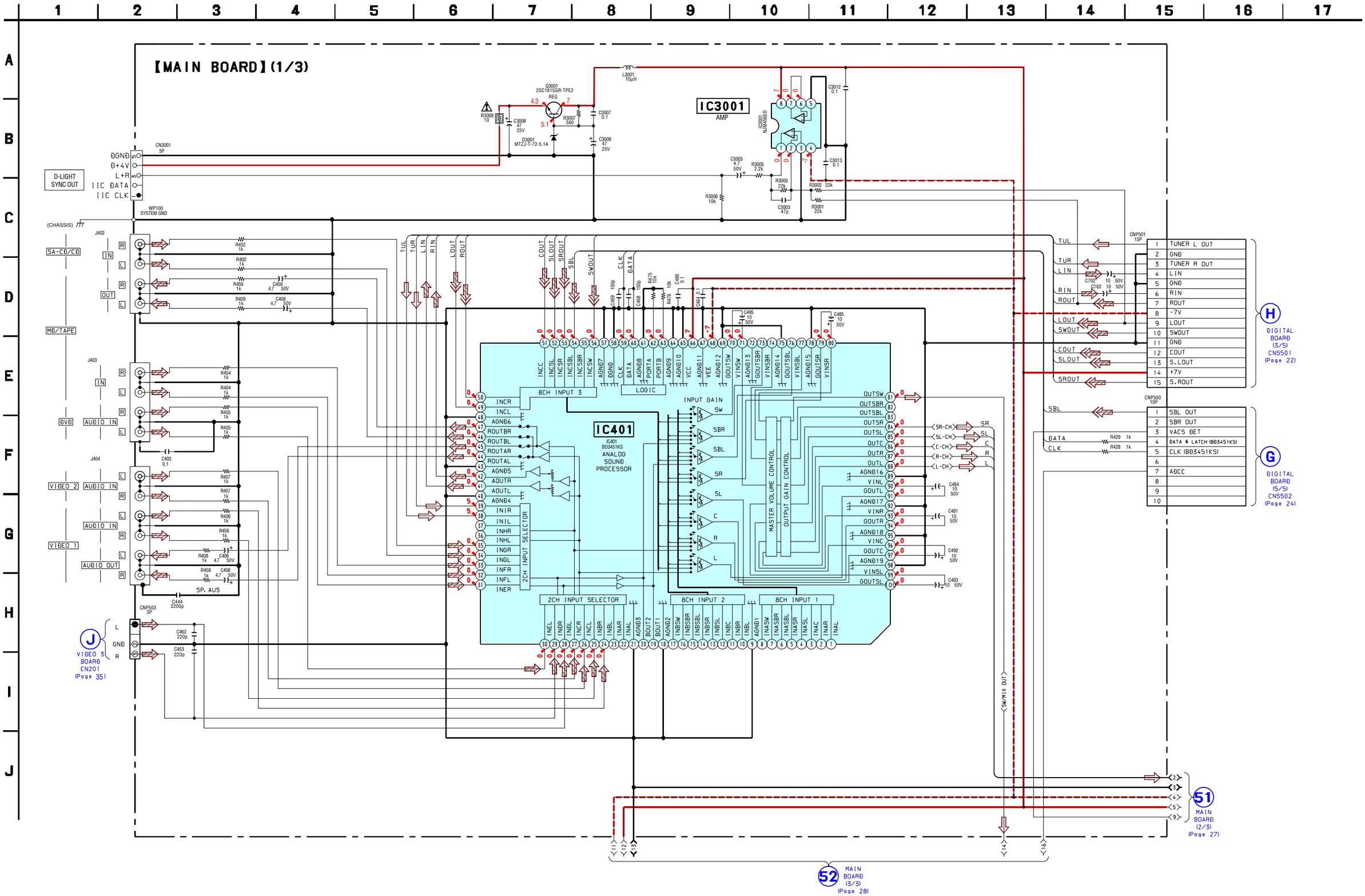
:Uses unleaded solder.



• **Semiconductor Location**

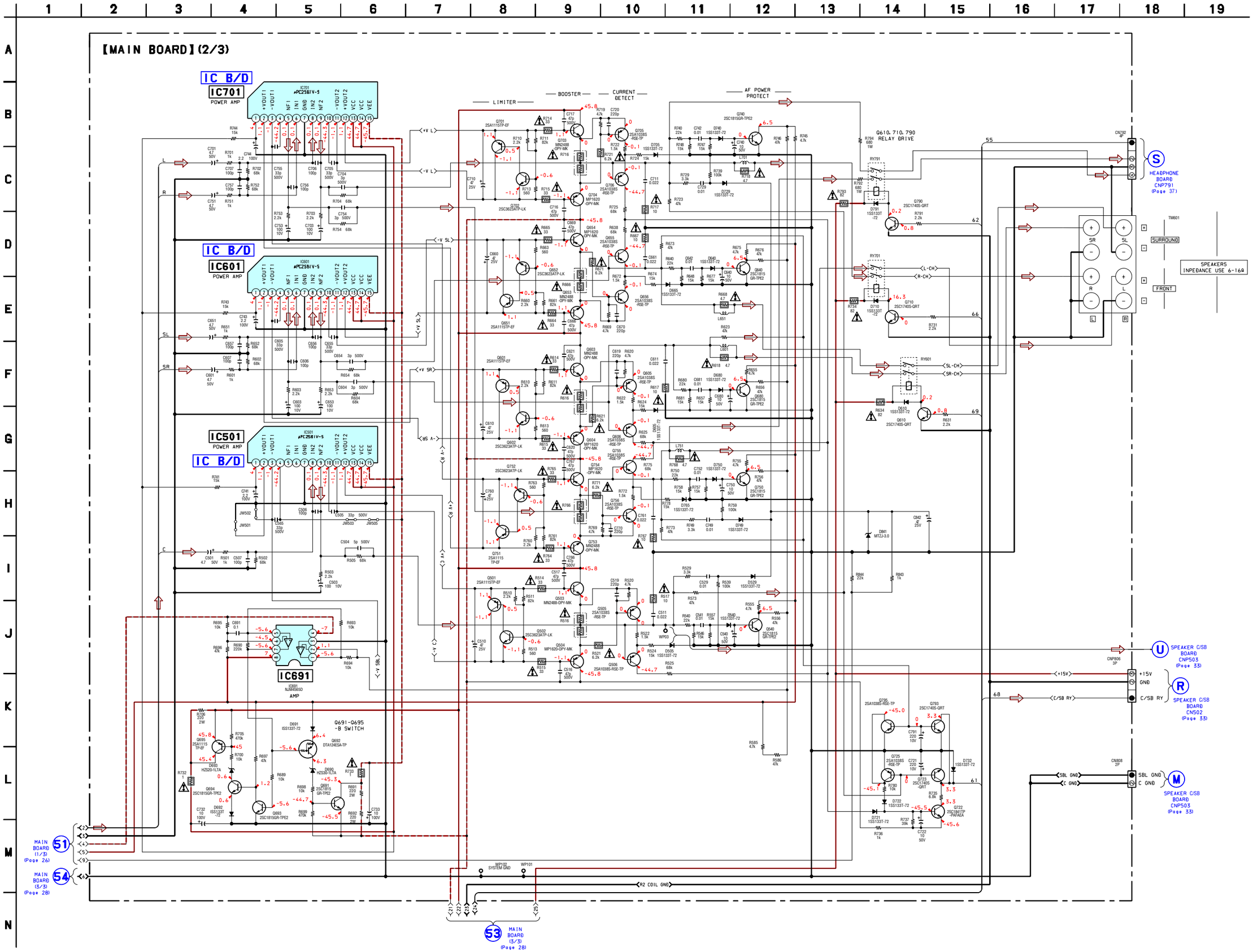
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D529	F-5	D729	F-6	D3001	B-3	Q505	G-6	Q655	G-9	Q723	F-12
D540	G-4	D732	F-12			Q506	G-5	Q656	G-10	Q725	F-12
D560	D-8	D740	G-6	IC401	E-4	Q540	G-4	Q680	G-11	Q740	G-6
D605	G-13	D749	F-6	IC402	F-4	Q560	D-8	Q691	F-10	Q750	G-10
D610	D-9	D750	G-10	IC501	F-4	Q601	H-12	Q692	E-9	Q751	G-10
D640	G-9	D765	G-11	IC601	F-8	Q602	H-12	Q693	E-9	Q752	H-11
D665	G-10	D791	F-14	IC691	E-8	Q603	H-12	Q694	E-9	Q753	H-10
D680	G-11	D801	E-14	IC701	F-6	Q604	H-13	Q695	E-10	Q754	H-11
D690	E-9	D802	D-14	IC801	D-7	Q605	G-13	Q701	G-6	Q755	G-11
D691	E-9	D804	F-13	IC802	E-7	Q606	G-13	Q702	H-7	Q756	G-12
D692	E-9	D805	E-14	IC3001	B-2	Q610	D-9	Q703	H-6	Q790	F-14
D693	E-9	D806	E-14			Q640	G-8	Q704	H-7	Q793	F-12
D705	G-7	D807	D-14	Q501	G-4	Q651	G-8	Q705	G-8	Q795	F-11
D710	D-10	D808	D-14	Q502	H-5	Q652	H-9	Q706	G-7	Q801	F-13
D721	F-11	D841	F-2	Q503	H-5	Q653	H-8	Q710	D-10	Q3001	B-3
D722	F-11	D896	E-7	Q504	H-6	Q654	H-9	Q722	F-12		

3-11. SCHEMATIC DIAGRAM – MAIN BOARD (1/3) –

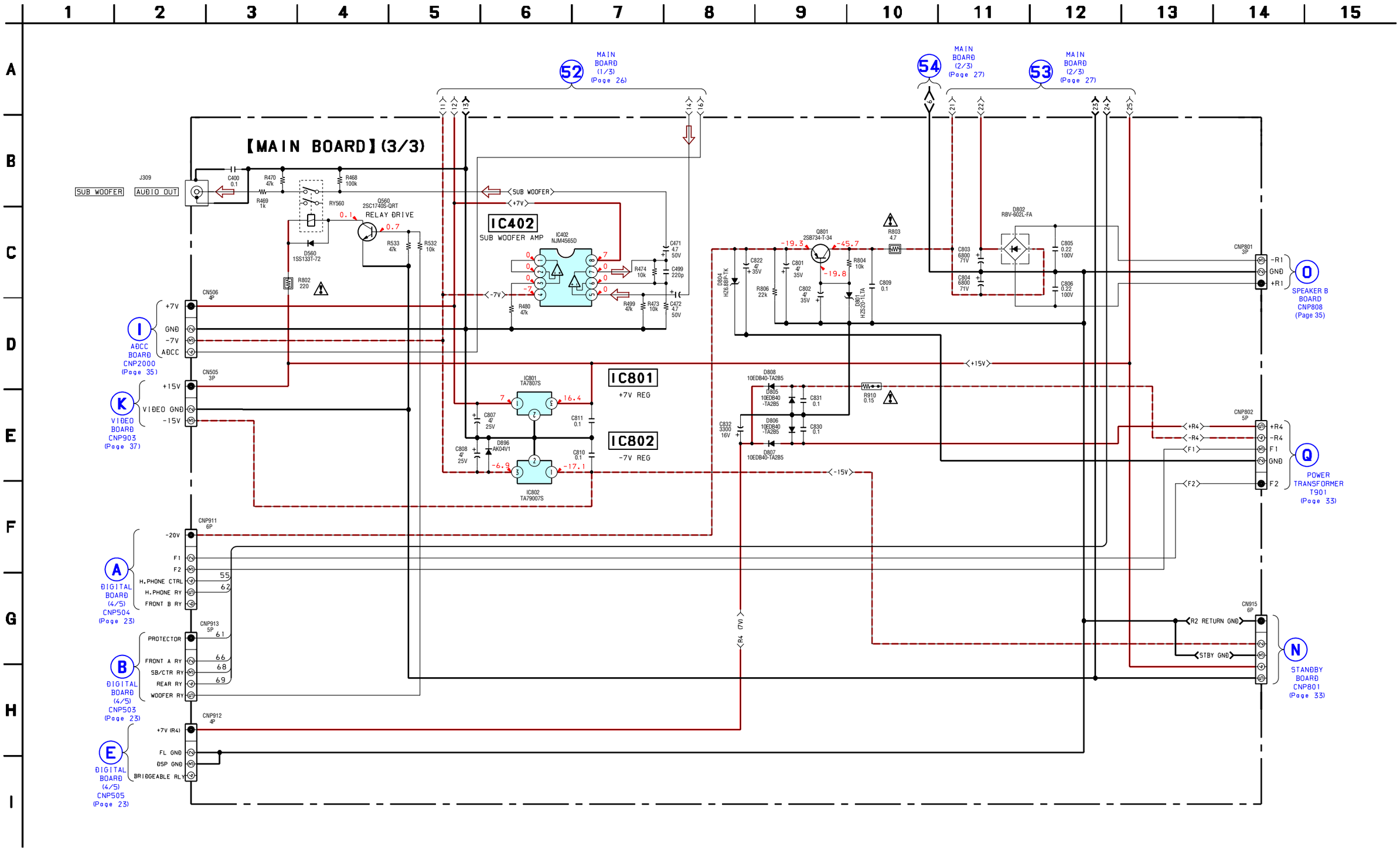


3-12. SCHEMATIC DIAGRAM – MAIN BOARD (2/3) –

• See page 39 for IC Block Diagrams.



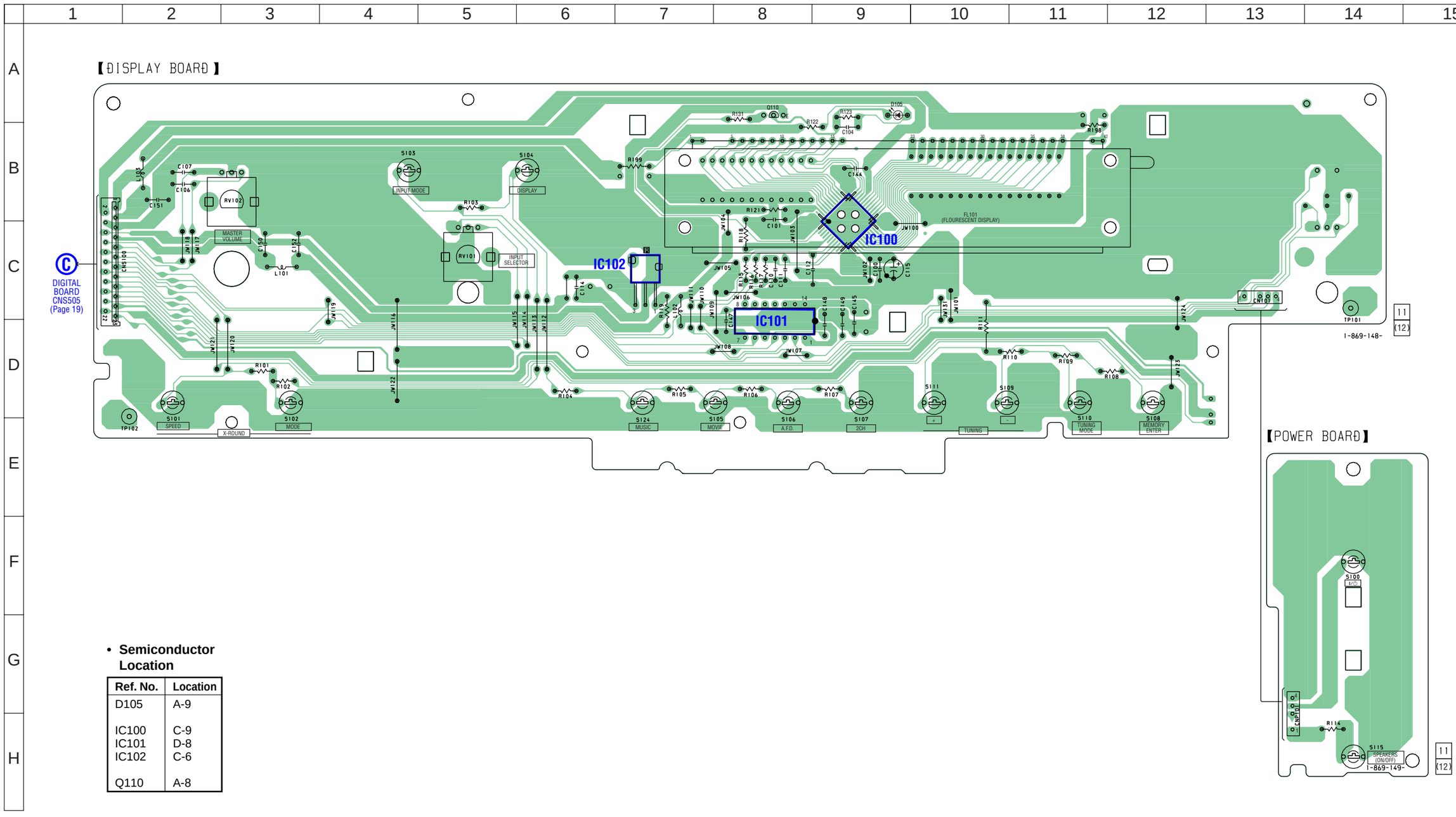
3-13. SCHEMATIC DIAGRAM – MAIN BOARD (3/3) –



3-14. PRINTED WIRING BOARDS – DISPLAY BOARD, POWER BOARD –

• See page 15 for Circuit Boards Location.

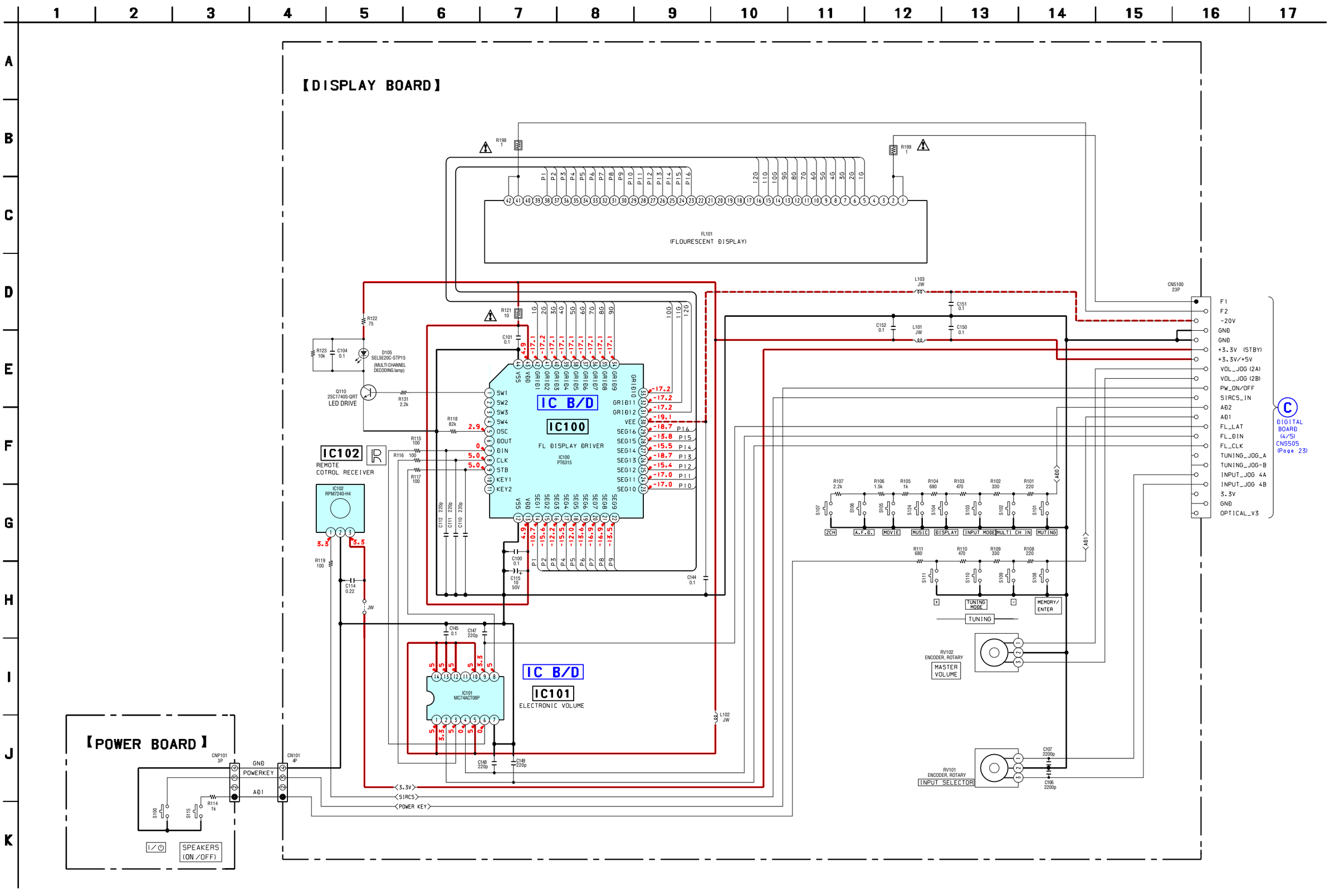
:Uses unleaded solder.



- **Semiconductor Location**

Ref. No.	Location
D105	A-9
IC100	C-9
IC101	D-8
IC102	C-6
Q110	A-8

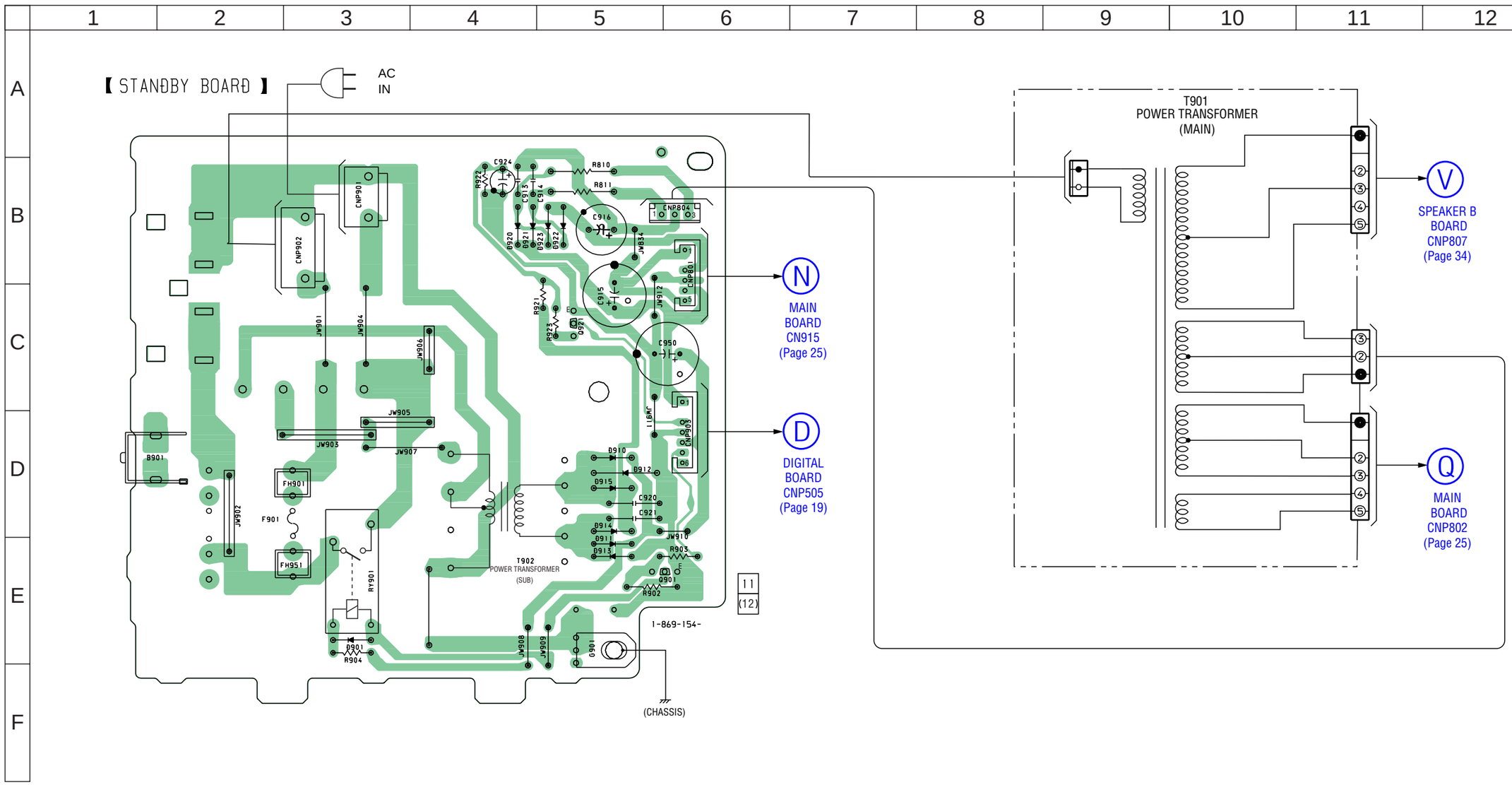
3-15. SCHEMATIC DIAGRAM – DISPLAY BOARD, POWER BOARD – • See page 39, 40 for IC Block Diagrams.



3-16. PRINTED WIRING BOARD – STANDBY BOARD –

• See page 15 for Circuit Boards Location.

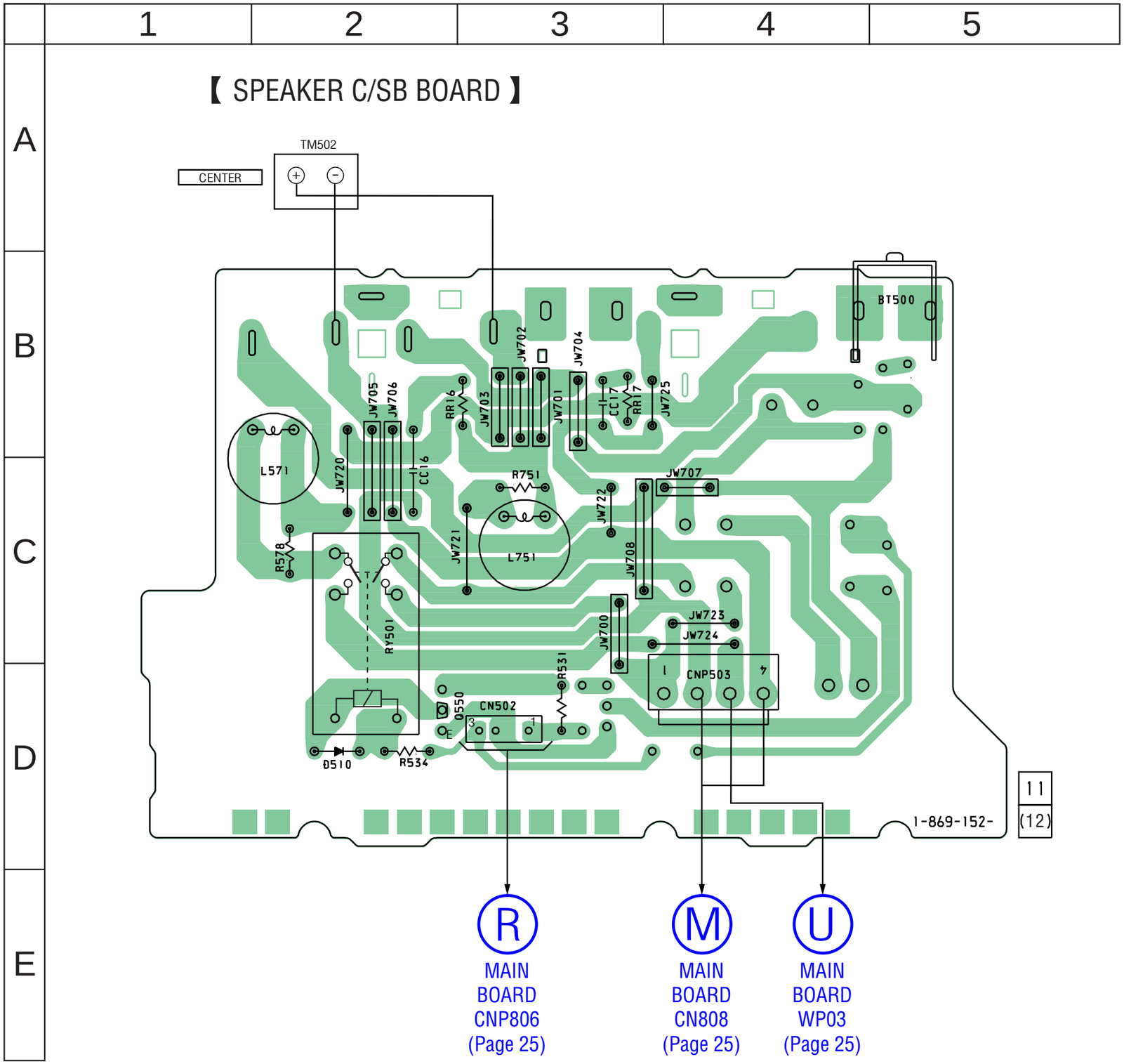
:Uses unleaded solder.



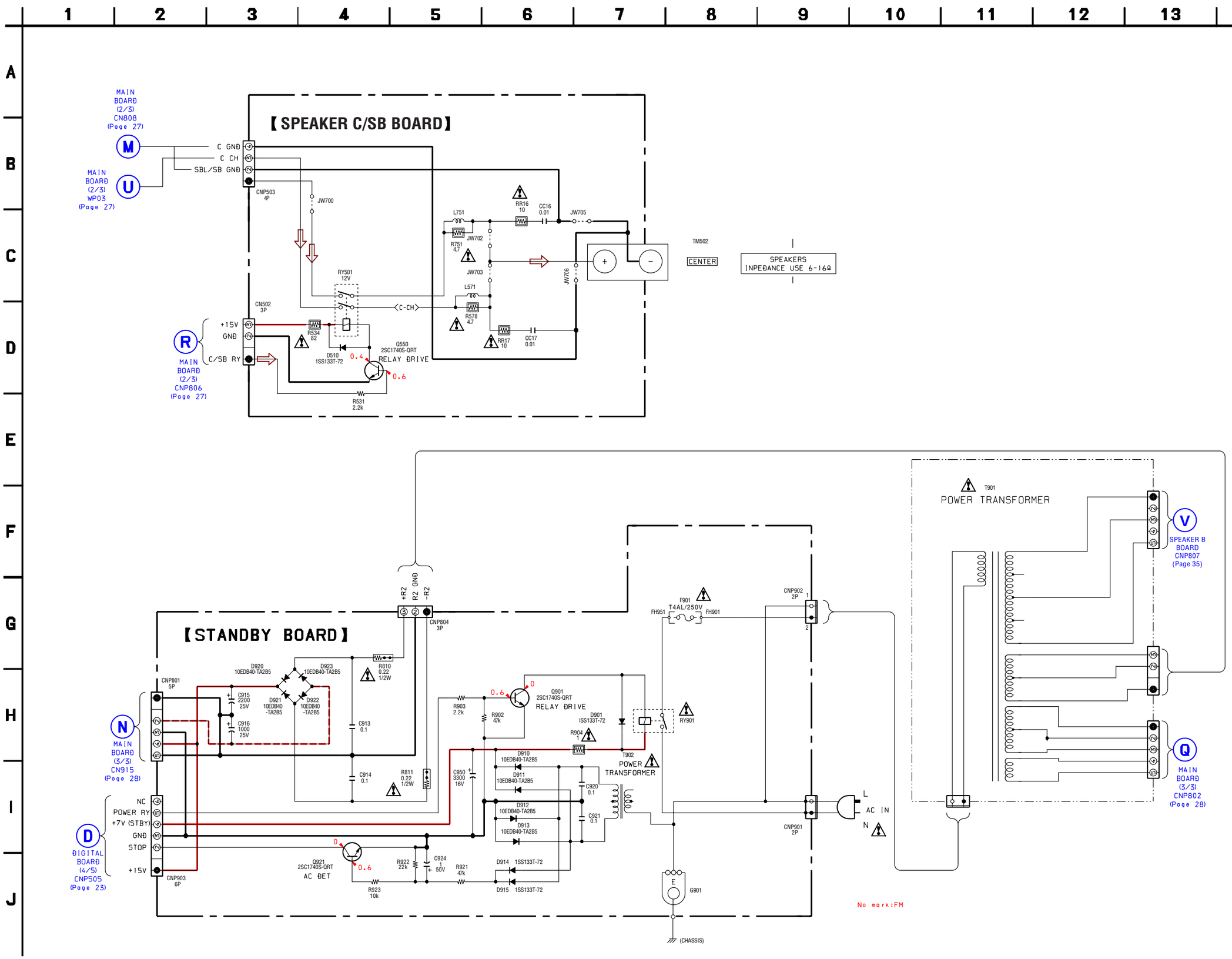
- **Semiconductor Location**

Ref. No.	Location
D901	A-5
D910	C-3
D911	B-3
D912	C-2
D913	B-3
D914	B-3
D915	C-3
D920	E-3
D921	E-3
D922	E-3
D923	E-3
Q901	B-2
Q921	D-3

3-17. PRINTED WIRING BOARD – SPEAKER C/SB BOARD – • See page 15 for Circuit Boards Location. :Uses unleaded solder.

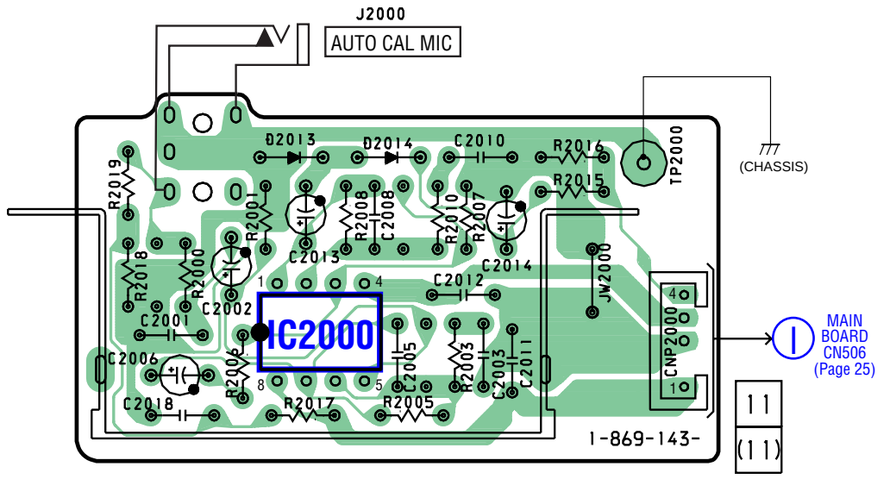


3-18. SCHEMATIC DIAGRAM – SPEAKER C/SB BOARD, STANDBY BOARD –

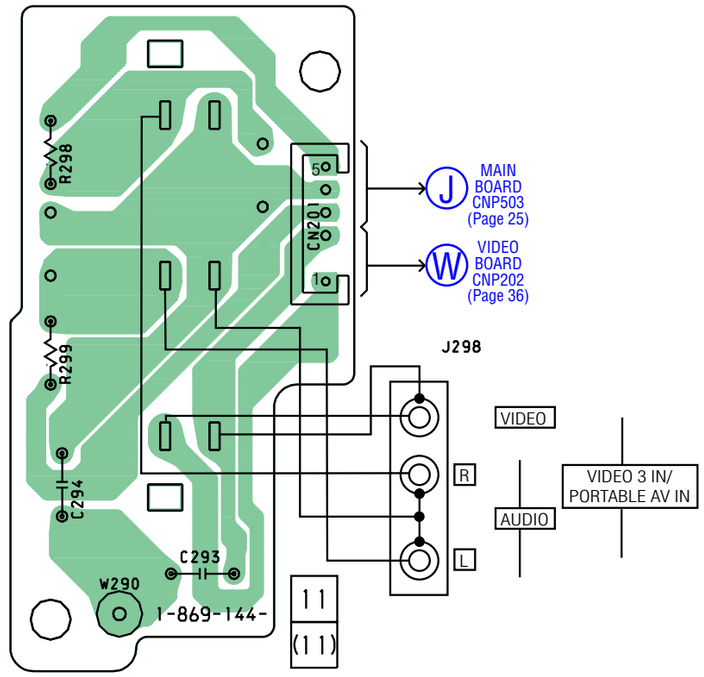


3-19. PRINTED WIRING BOARDS – ADCC BOARD, VIDEO 3 BOARD, SPEAKER B BOARD – • See page 15 for Circuit Boards Location. :Uses unleaded solder.

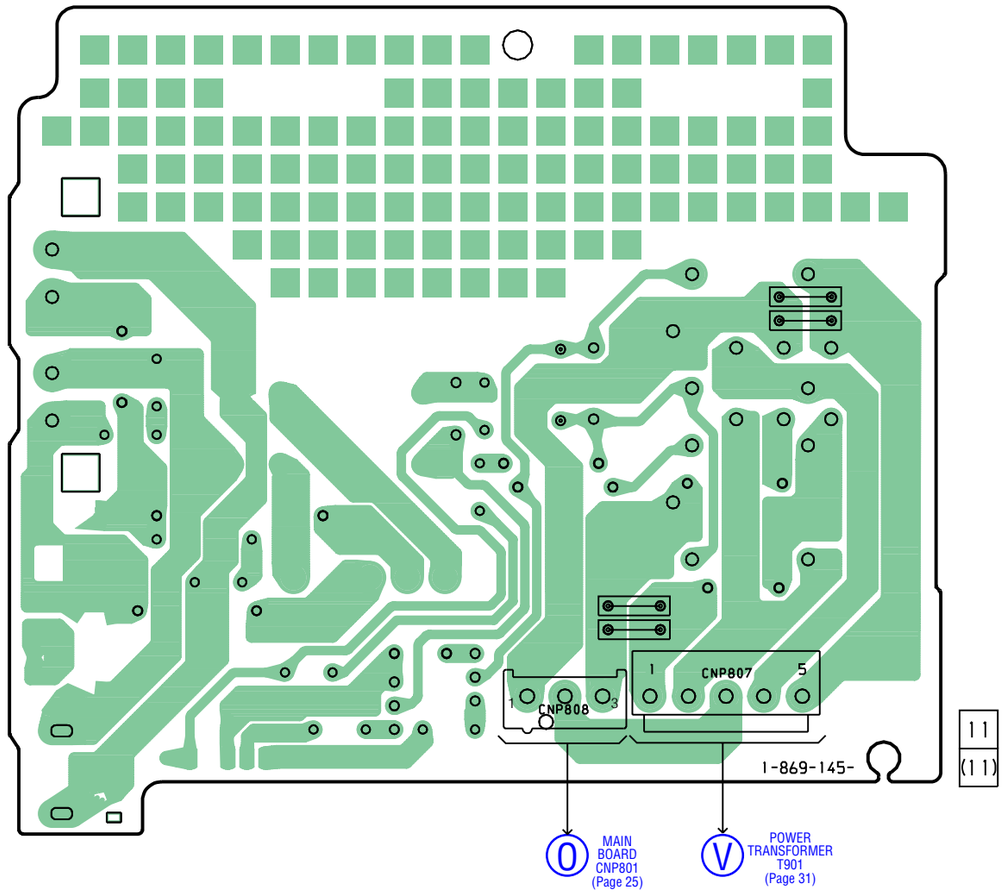
【ADCC BOARD】



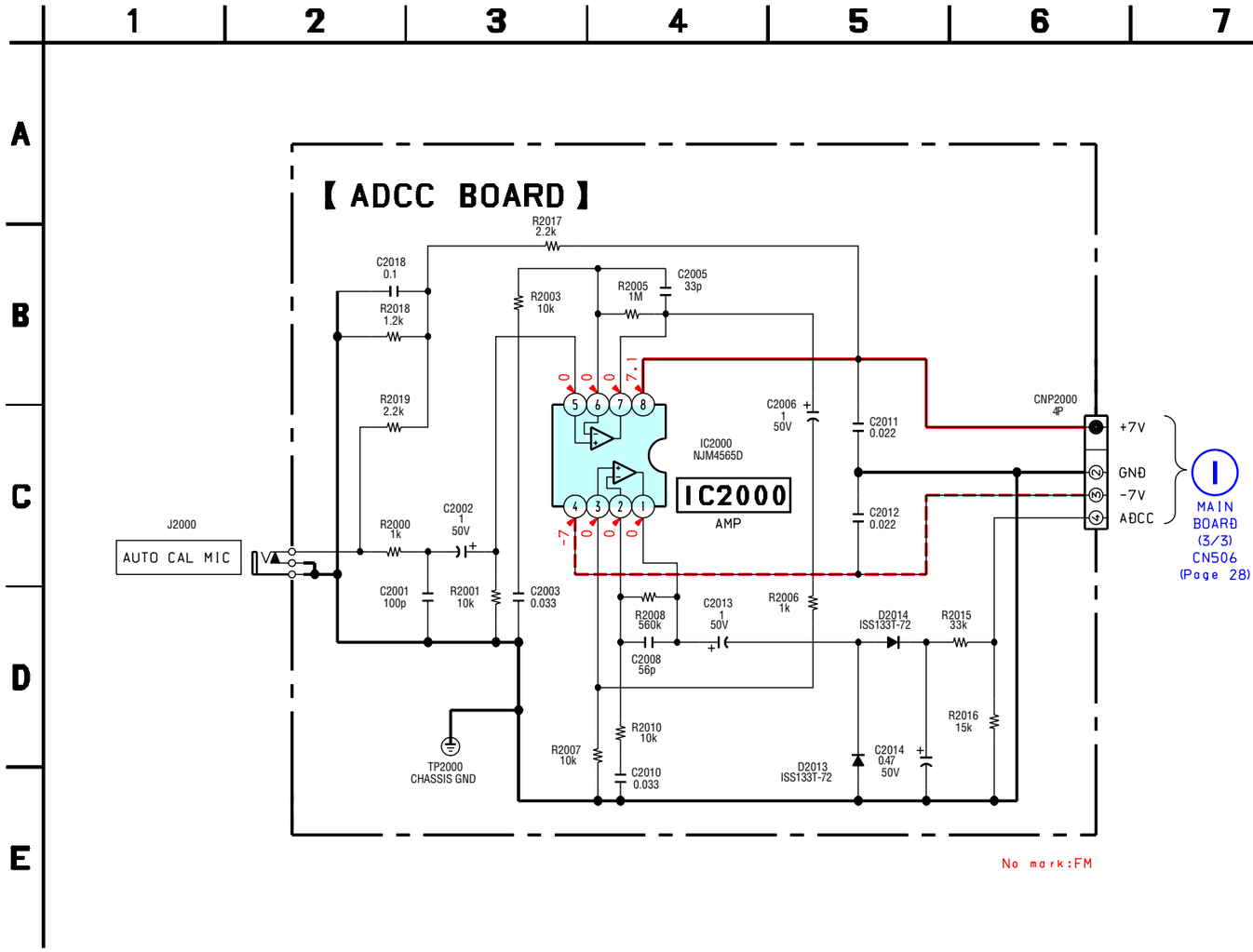
【VIDEO3 BOARD】

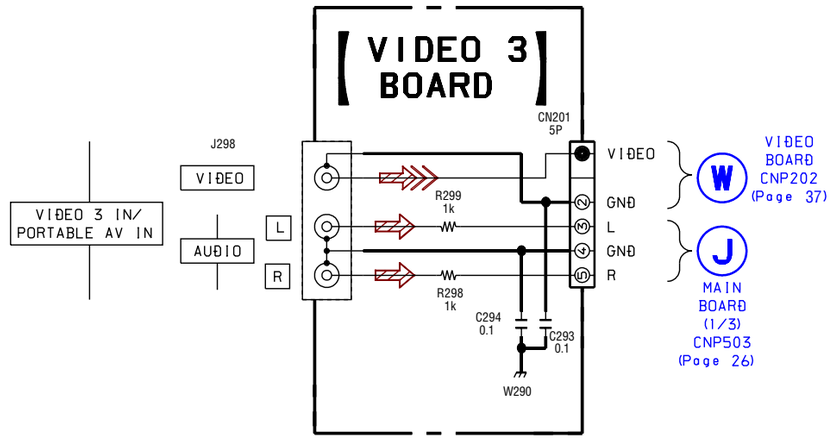


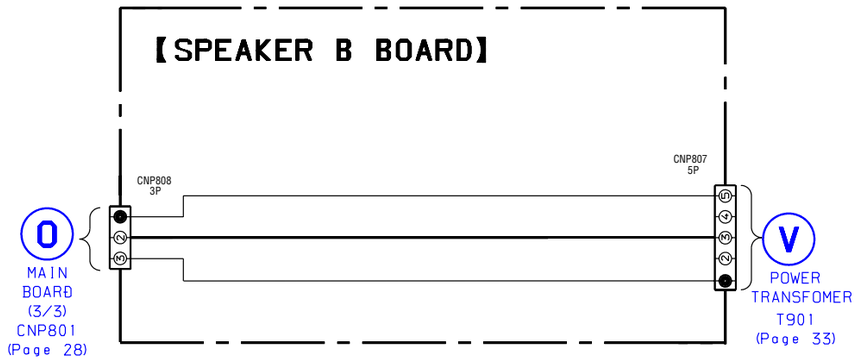
【SPEAKER B BOARD】



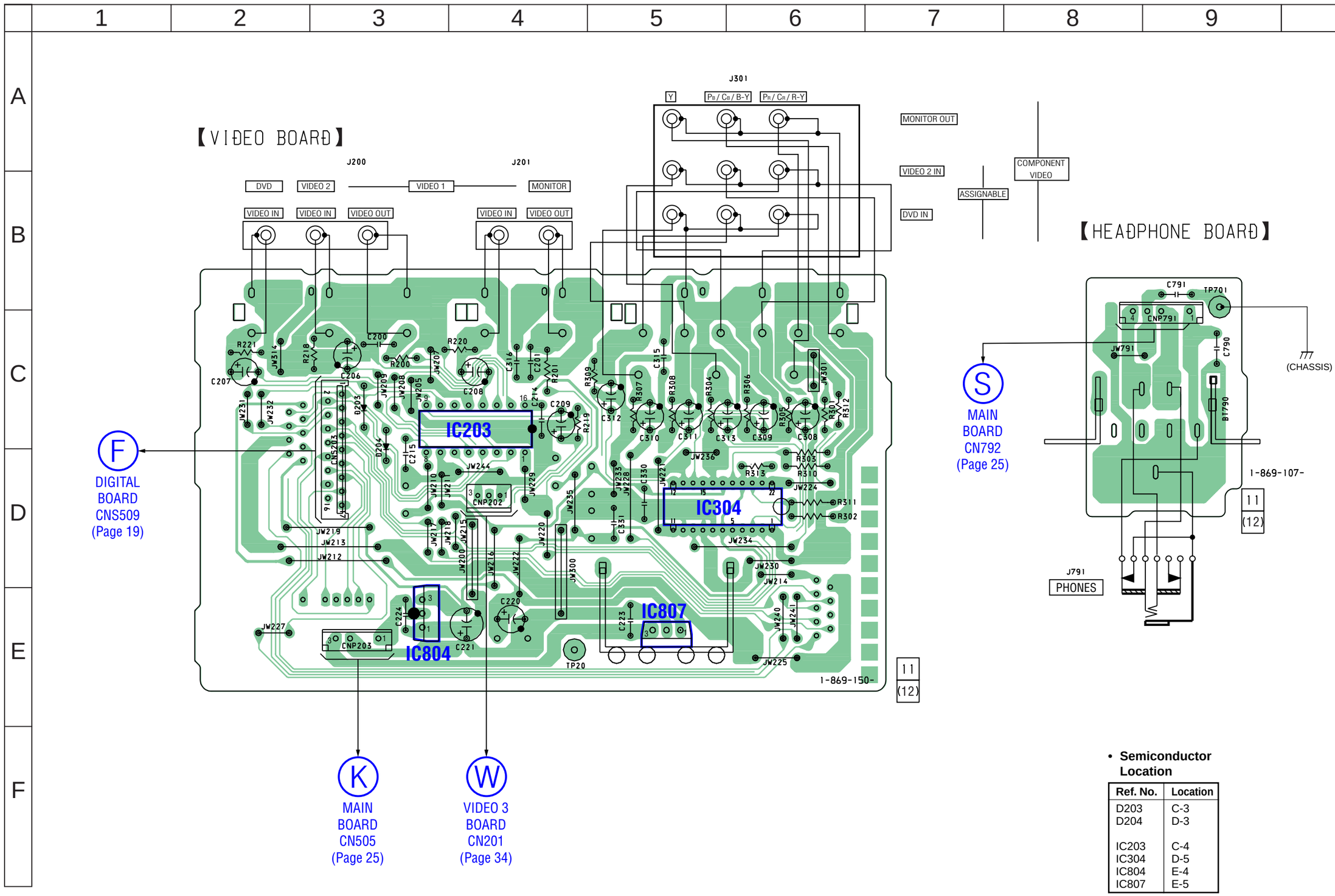
3-20. SCHEMATIC DIAGRAM – ADCC BOARD, VIDEO 3 BOARD, SPEAKER B BOARD –







3-21. PRINTED WIRING BOARDS – VIDEO BOARD, HEADPHONE BOARD – • See page 15 for Circuit Boards Location. :Uses unleaded solder.

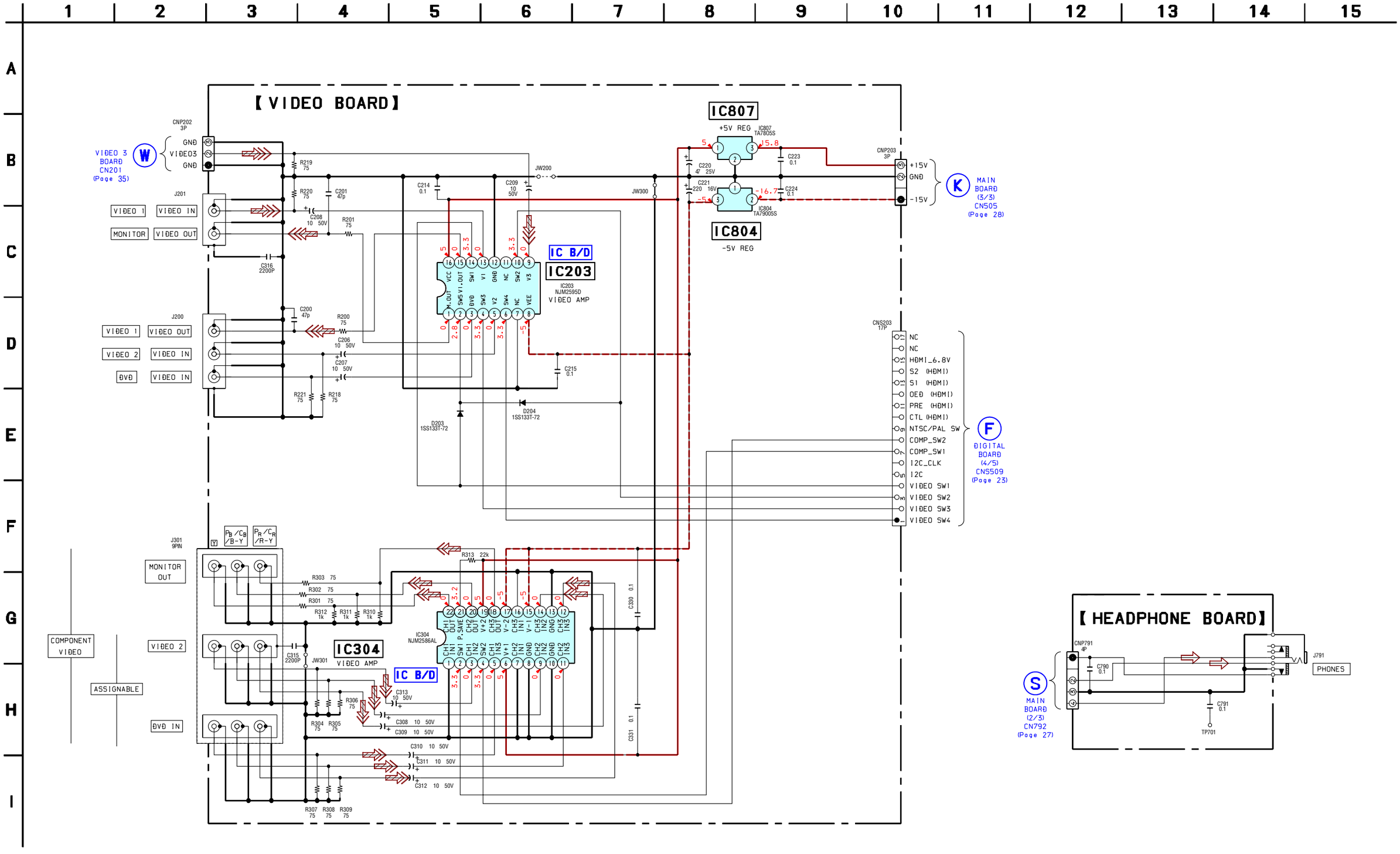


- **Semiconductor Location**

Ref. No.	Location
D203	C-3
D204	D-3
IC203	C-4
IC304	D-5
IC804	E-4
IC807	E-5

3-22. SCHEMATIC DIAGRAM – VIDEO BOARD, HEADPHONE BOARD –

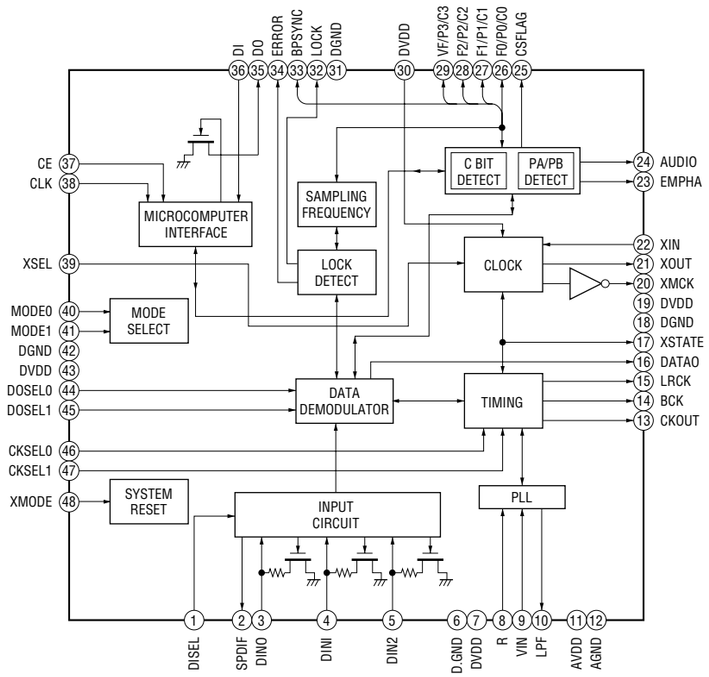
• See page 41 for IC Block Diagrams.



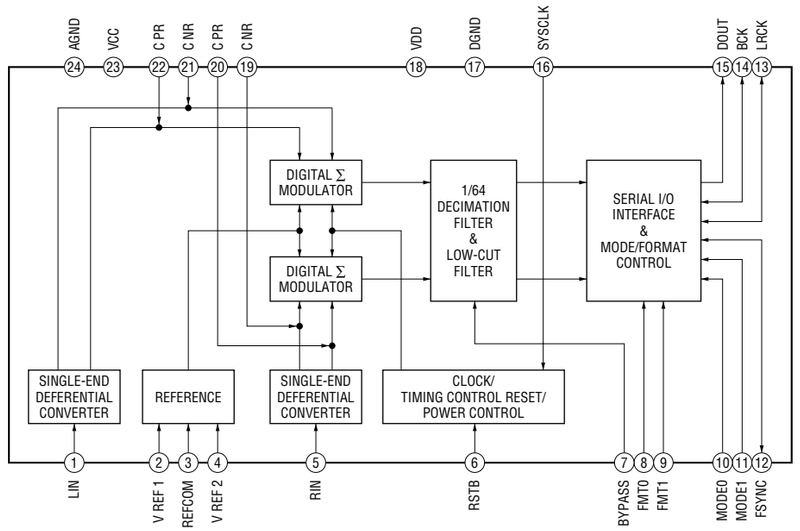
- **IC Block Diagrams**

– DIGITAL Board –

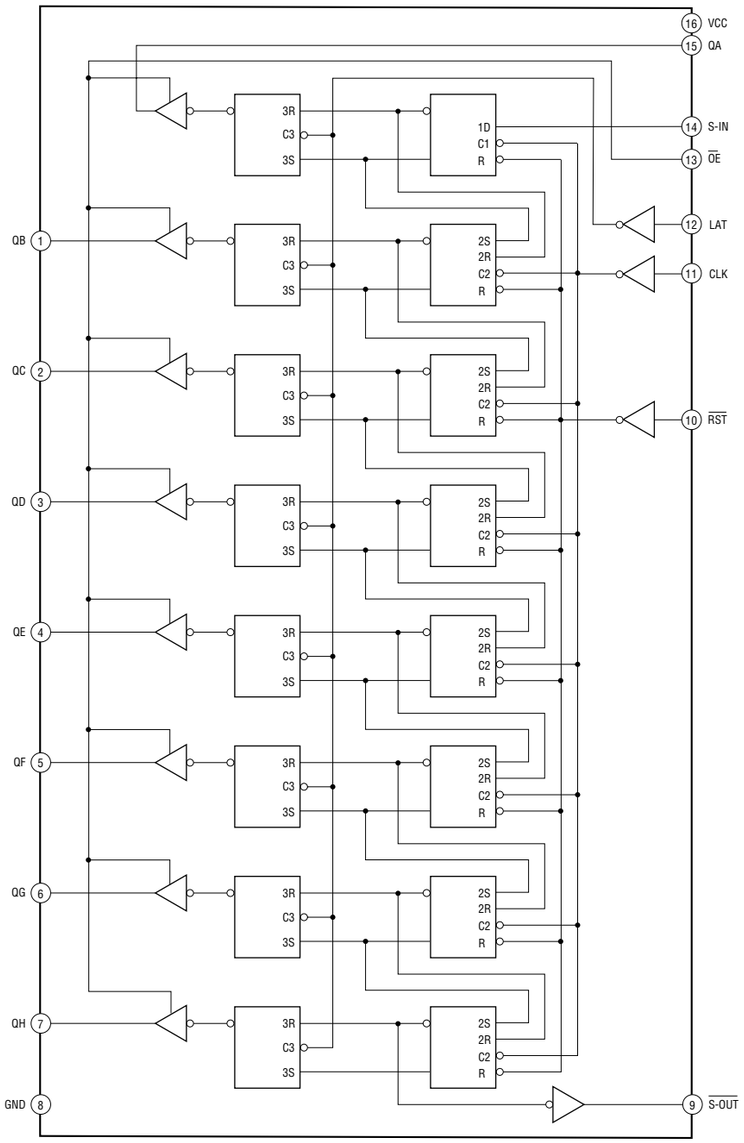
IC1301 LC89056W-E



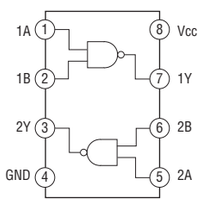
IC1401 PCM1800E



IC1601, IC1602 SN74HC595ANSR

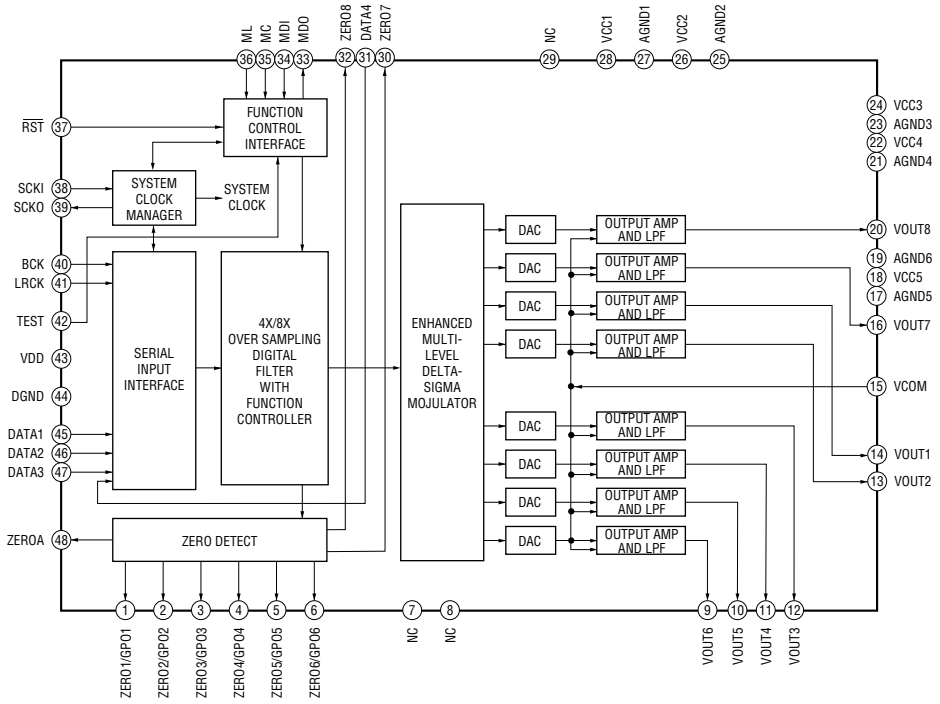


IC1503 TC7WH157FU



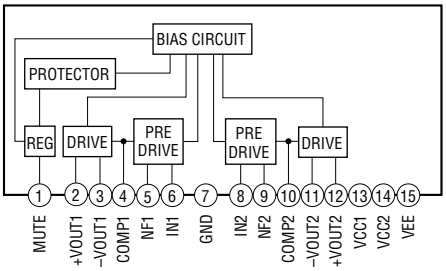
– DIGITAL Board –

IC1452 PCM1609APT



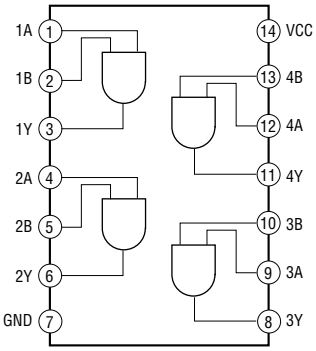
– MAIN Board –

IC501, IC601, IC701 uPC2581V-S



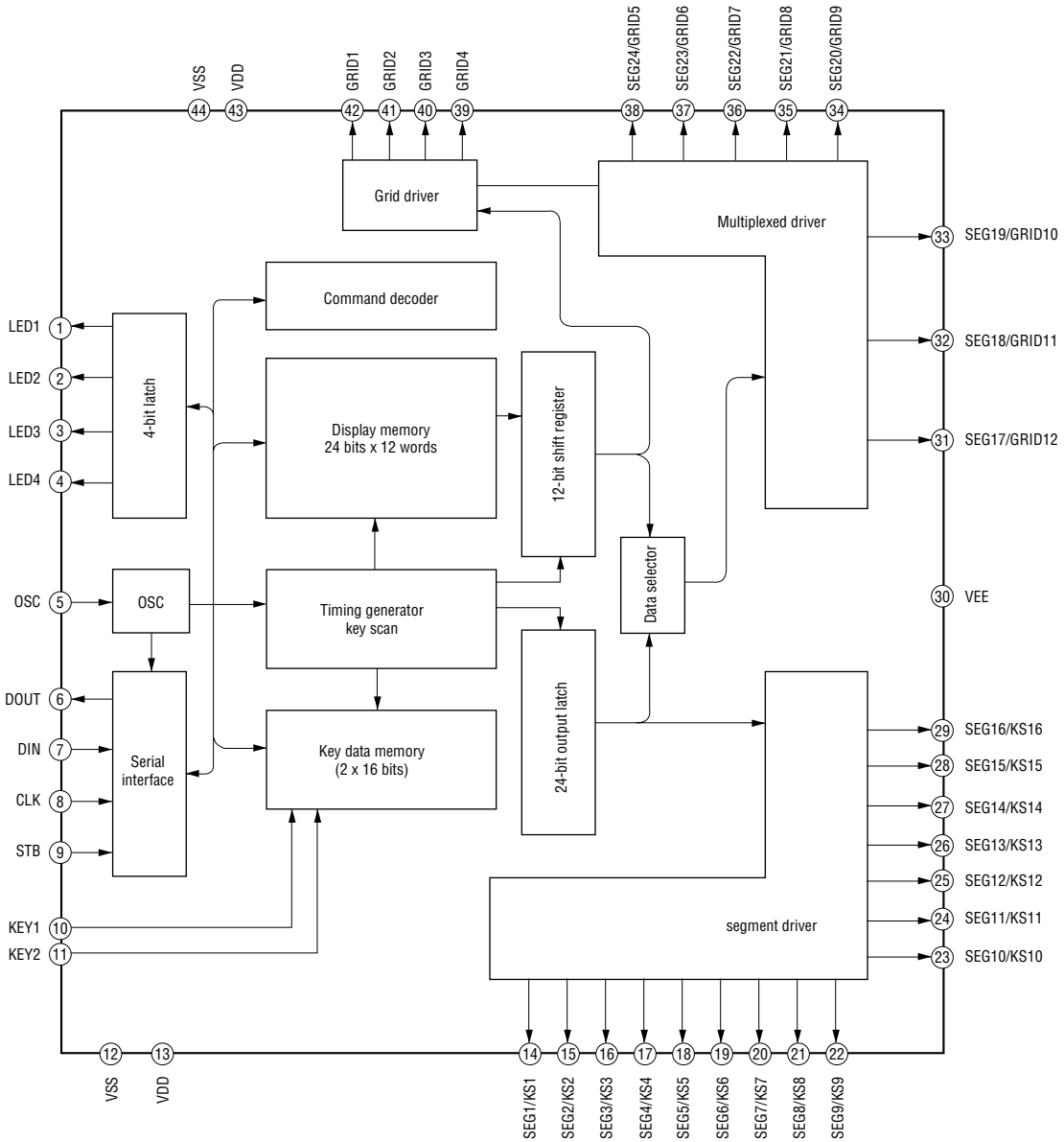
– DISPLAY Board –

IC101 MC74ACT08N



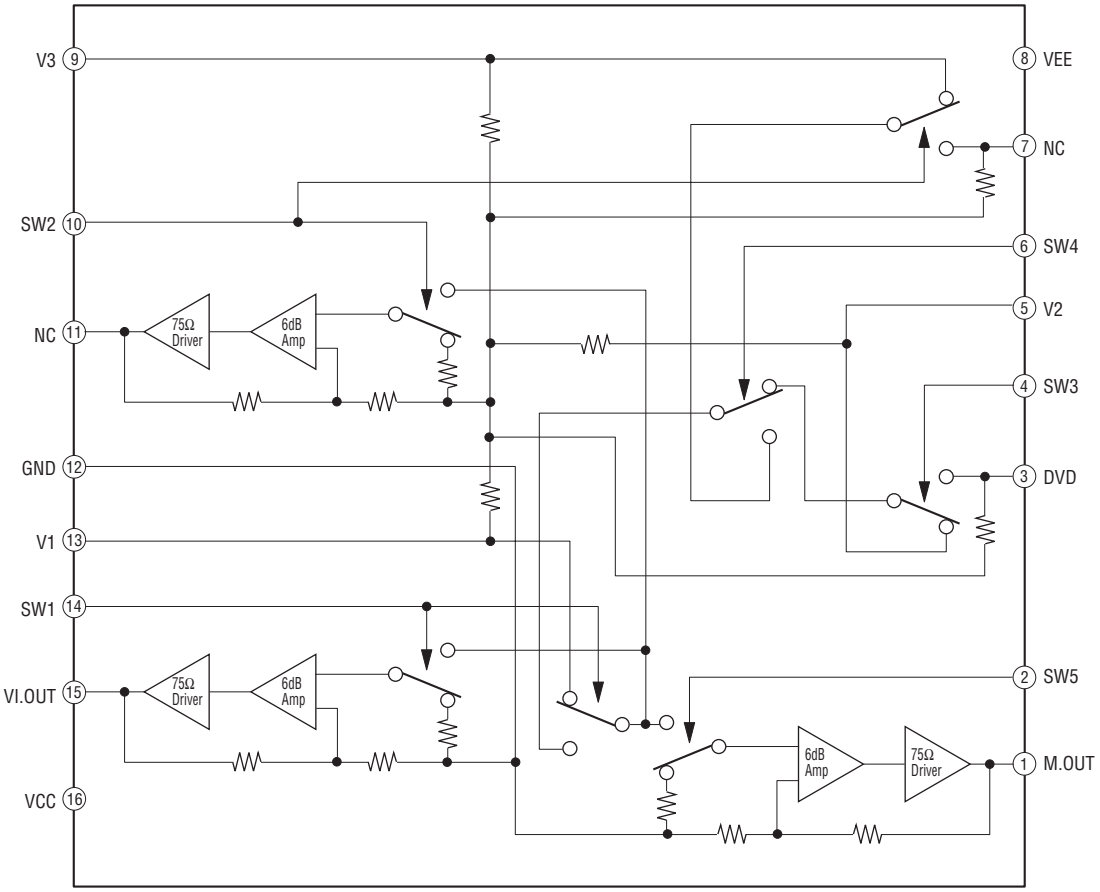
– DISPLAY Board –

IC100 PT6315

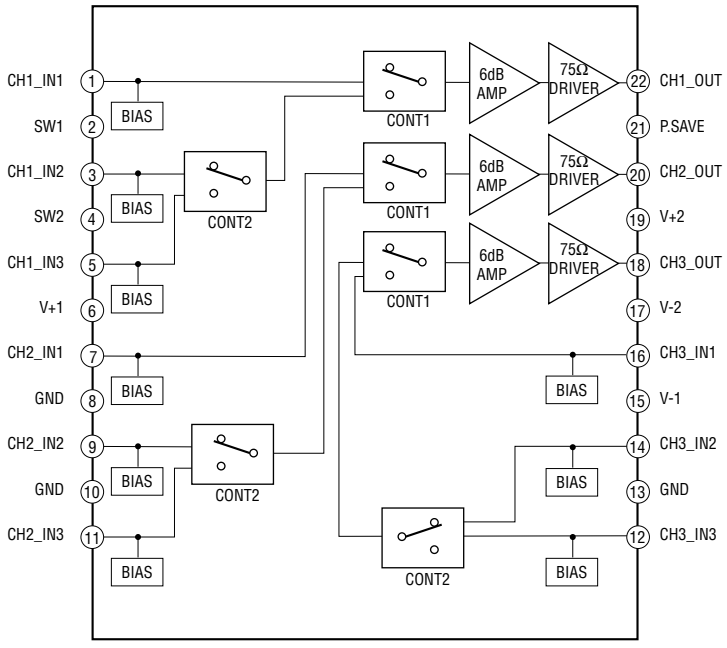


– VIDEO Board –

IC203 NJM2595D



IC304 NJM2586AL



• **IC Pin Function Description**

DIGITAL BOARD IC1101 MB90488BPF-G-193E1 (SYSTEM CONTROL)

Pin No.	Pin Name	I/O	Description
1	DATAO	I	Audio data signal input from DIR
2	GP9	I	GP9 signal input from DSP
3	BST	O	BST signal output to DSP
4	HCS	O	HCS signal output to DSP
5	HACN	I	HACN signal input from DSP
6	XRST	O	Reset signal output to DSP
7	PM	O	PM signal output to DSP
8	GP12	O	GP12 signal output to DSP
9	FL_LAT	O	FL driver latch signal output
10	PCM1608_RST	O	IC reset signal output to DAC
11	VSS	—	Ground terminal
12	PCM1608_ML	O	Latch signal output to DAC
13	PCM1608_MC	O	Clock signal output to DAC
14	PCM1608_MDI	O	IC data output to DAC
15	PCM1608_MDO	I	IC data input from DAC
16	T.SERIAL_CLK	O	Tuner clock signal output terminal
17	TUNER_DATA	O	Tuner data signal output terminal
18	HDOUT	I	HDOUT signal input from DSP
19	HDIN	O	HDIN signal output to DSP
20	HCLK	O	Clock signal output to DSP
21	TUNING_A	—	Tuning data output (not used)
22	TUNING_B	—	Tuning data output (not used)
23	VCC5	—	Power supply (+3.3V)
24	FL_RESET	O	FL driver reset signal output
25	FL_CLK	O	Not used
26	XM_RST	—	FL driver clock signal output terminal (not used)
27	FLASH2	O	FLASH2 signal output (not used)
28	FLASH1	O	FLASH1 signal output (not used)
29	SDA	I	EEPROM data signal input terminal
30	SCL	O	EEPROM clock signal output terminal
31	ENC_A	I	Input Encoder (A) signal input
32	ENC_B	I	Input Encoder (B) signal input
33	UPCON	—	Not used
34	UPCON_CLK	—	Not used
35	AVCC	—	Analog power supply (+3.3V)
36	AVRH	I	Analog reference voltage input (+3.3V)
37	AVSS	—	Analog ground terminal
38	ADCC	I	ADCC signal input
39	A/D1	I	Function key push signal input
40	A/D2	I	Function key push signal input
41	VERSION	I	Version setting input terminal (DESTINATION)
42	VSS	—	Ground terminal
43	RDS_SIG	I	RDS signal detect input (connected to ground terminal) (not used)
44	MODEL	I	MODEL select input
45	TONE_EN_B	I	Tone control input from rotary encoder.
46	TONE_EN_A	I	Tone control input from rotary encoder.
47	XMDACMS	O	Not used

Pin No.	Pin Name	I/O	Description
48	STOP	I	AC off detect signal input
49	MD0	I	Operation mode setting input
50	MD1	I	Operation mode setting input
51	MD2	I	Operation mode setting input
52	RDS_CLOCK	I	RDS clock signal input (Short to ground terminal)
53	RDS_DATA	I	RDS data signal input (Short to ground terminal)
54	SIRCS	I	Data signal input from the remote control sensor
55	HP_DETECT	I	Headphone signal input
56	POWER_KEY	I	Power switch key detect signal input
57	ADCC_DSP_INT	I	ADCC DSP interrept input
58	POWER_RY	O	Power relay control signal output
59	VOL_CL	O	Volume IC clock signal output
60	VOL_DA	O	Volume IC data and latch signal output
61	PROTECTOR	I	Protector status detect signal input
62	HP_RY	O	Headphone relay control signal output
63	FUSE_DETECT	I	Fuse detect signal input
64	VOL_ENC (B)	I	Volume signal input from rotary encoder
65	VOL_ENC (A)	I	Volume signal input from rotary encoder
66	FRONT_RY	O	Front A speaker relay control signal output
67	SP_B_RY	O	Front B speaker control signal output
68	C/SB_RY	O	Center speaker relay control signal output
69	REAR_RY	O	Rear speaker control signal output
70	SW_RY	O	Sub woofer control signal output
71	ANALOG_SW_CLK	O	Analog switch IC clock signal output
72	BRIGEABLE_RY	O	Brigeable relay control output
73	DO	I	Frequency data signal input from the tuner
74	SLATCH	O	Latch signal output to the tuner
75	TUNED	I	Tuning a frequency signal input from the tuner
76	STEREO	I	Stereo tuning signal input from the tuner
77	RSTX	I	System reset input
78	MUTE	O	Muting signal output to the tuner
79	X1A	—	Not used
80	X0A	—	Ground terminal
81	VSS	—	Ground terminal
82	X0	—	Connection for a crystal resonator
83	X1	—	Connection for a crystal resonator
84	VCC3	—	Power supply (+3.3V)
85	ANALOG_SW_DATA	O	Analog switch IC data output
86	D595_DATA	O	I/O expander data output
87	D595_CLK	O	I/O expander clock output
88	$\overline{\text{D595_OE}}$	O	I/O expander O/P enable output
89	D595_LAT	O	I/O expander latch signal output
90	SELECT 2	—	Not used
91	SELECT 1	—	Not used
92	BST_SEL	O	BST signal output terminal
93	XMODE	O	Reset signal output to DIR
94	CKSEL 1	O	CKSEL control signal output to DIR
95	CLK	O	Clock signal output to DIR
96	CE	O	Chip enable signal output to DIR

Pin No.	Pin Name	I/O	Description
97	DI	O	Data signal output to DIR
98	DO	I	Data signal input from DIR
99	ERROR	I	PLL error muting signal input from DIR
100	XSTATE	I	XSTATE data signal input from DIR

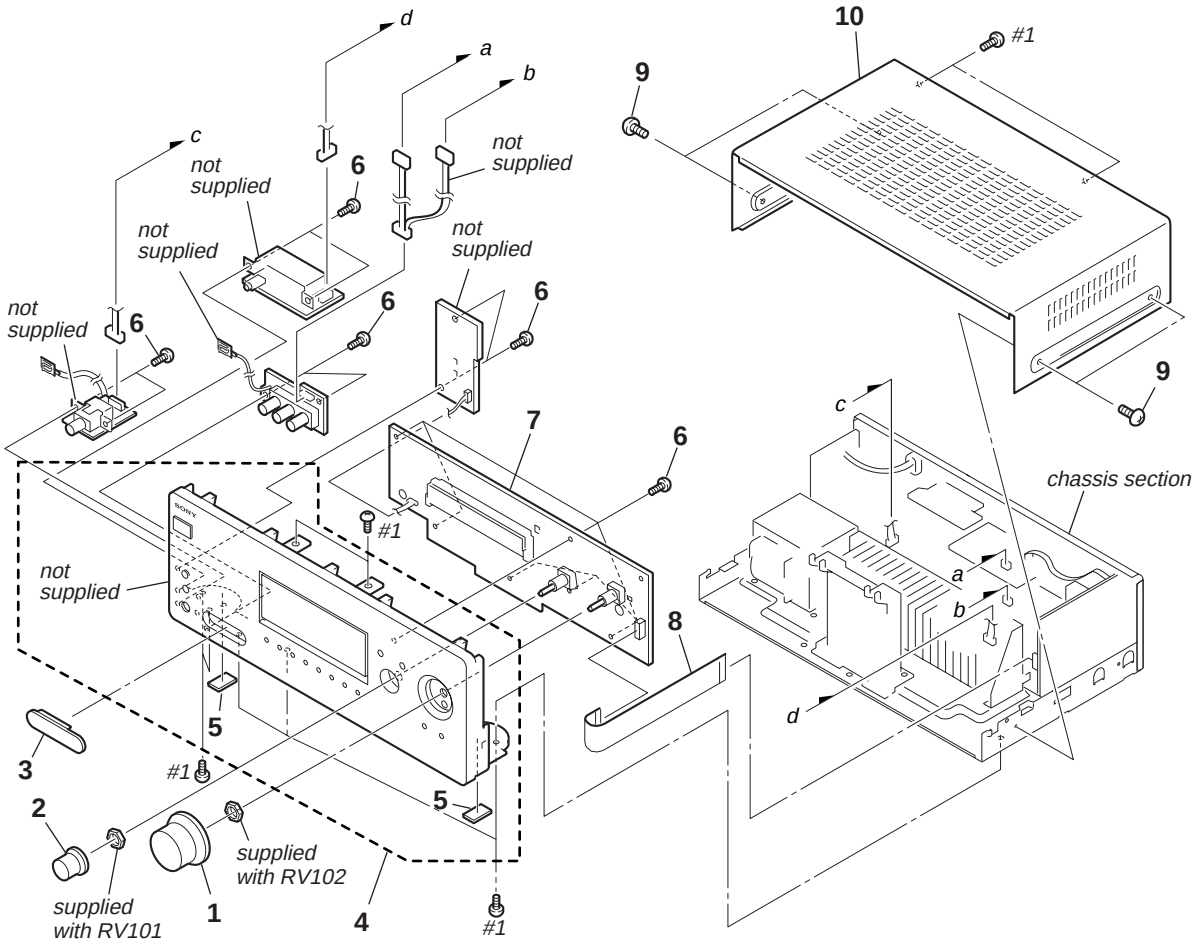
SECTION 4
EXPLODED VIEWS

NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

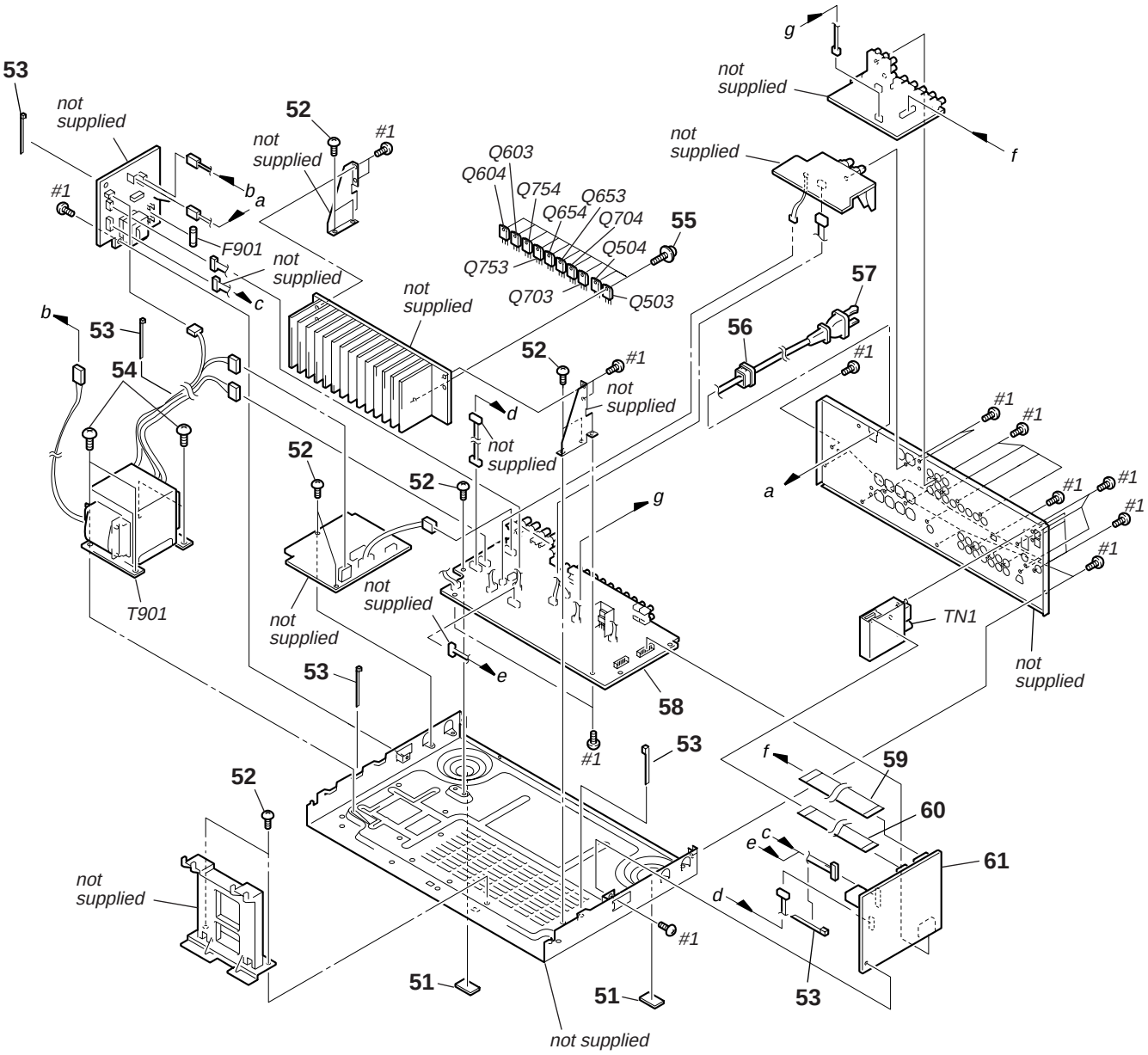
4-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark
1	2-661-142-11	VOLUME KNOB	
2	2-661-141-11	MENU KNOB	
3	2-666-844-11	LID	
4	X-2109-477-1	FRONT PANEL ASSY	
5	4-977-358-01	CUSHION	
6	3-087-053-01	+BVTP2.6 (3CR)	

Ref. No.	Part No.	Description	Remark
7	A-1187-067-A	DISPLAY BOARD, COMPLETE	
8	1-829-023-11	WIRE (FLAT TYPE) (23 CORE)	
9	3-363-099-11	SCREW (CASE 3 TP2)	
10	2-661-145-31	CASE	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

4-2. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark
51	4-977-358-01	CUSHION	
52	3-077-331-21	+BV3 (3-CR)	
53	3-701-748-00	CLAMP	
54	4-249-675-01	+BV SUMITITE S 4X6 ROUND	
55	3-905-609-01	SCREW (TRANSISTOR)	
* 56	3-703-244-00	BUSHING (2104), CORD	
⚠57	1-829-627-11	POWER-SUPPLY CORD	
58	A-1188-347-A	MAIN BOARD, COMPLETE	
59	1-828-993-11	WIRE (FLAT TYPE) (17 CORE)	
60	1-828-963-11	WIRE (FLAT TYPE) (11 CORE)	
61	A-1188-350-A	DIGITAL BOARD, COMPLETE	
⚠F901	1-532-350-00	FUSE (T4AL/250V)	
Q503	6-702-390-01	IC MN2488-OPY-MK	

Ref. No.	Part No.	Description	Remark
Q504	6-702-391-01	IC MP1620-OPY-MK	
Q533	6-702-390-01	IC MN2488-OPY-MK	
Q534	6-702-391-01	IC MP1620-OPY-MK	
Q653	6-702-390-01	IC MN2488-OPY-MK	
Q654	6-702-391-01	IC MP1620-OPY-MK	
Q703	6-702-390-01	IC MN2488-OPY-MK	
Q704	6-702-391-01	IC MP1620-OPY-MK	
Q753	6-702-390-01	IC MN2488-OPY-MK	
Q754	6-702-391-01	IC MP1620-OPY-MK	
⚠T901	1-443-523-11	POWER TRANSFORMER	
TN1	1-693-675-11	TUNER	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

SECTION 5
ELECTRICAL PARTS LIST

ADCC DIGITAL

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- COILS
  uH: µH
- CAPACITORS
  uF: µF
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. . uPA. . : µPA. .
  uPB. . : µPB. . uPC. . : µPC. .
  uPD. . : µPD. .

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description			Remark
		ADCC BOARD			
		**********			
		< CAPACITOR >			
C2001	1-128-809-11	CERAMIC	100PF	5%	50V
C2002	1-126-160-11	ELECT	1uF	20%	50V
C2003	1-127-882-31	CERAMIC	0.033uF	10%	50V
C2005	1-128-803-11	CERAMIC	33PF	5%	50V
C2006	1-126-160-11	ELECT	1uF	20%	50V
C2008	1-128-806-11	CERAMIC	56PF	5%	50V
C2010	1-127-882-31	CERAMIC	0.033uF	10%	50V
C2011	1-127-880-11	CERAMIC	0.022uF	10%	50V
C2012	1-127-880-11	CERAMIC	0.022uF	10%	50V
C2013	1-126-160-11	ELECT	1uF	20%	50V
C2014	1-124-465-00	ELECT	0.47uF	20%	50V
C2018	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
CNP2000	1-784-921-11	PIN, CONNECTOR 4P			
		< DIODE >			
D2013	8-719-991-33	DIODE 1SS133T-72			
D2014	8-719-991-33	DIODE 1SS133T-72			
		< IC >			
IC2000	8-759-167-88	IC NJM4565D			
		< JACK >			
J2000	1-820-056-11	SMALL TYPE JACK (AUTO CAL MIC)			
		< RESISTOR >			
R2000	1-247-831-91	CARBON	1K	5%	1/4W
R2001	1-249-429-11	CARBON	10K	5%	1/4W
R2003	1-249-429-11	CARBON	10K	5%	1/4W
R2005	1-247-903-00	CARBON	1M	5%	1/4W
R2006	1-247-831-91	CARBON	1K	5%	1/4W
R2007	1-249-429-11	CARBON	10K	5%	1/4W
R2008	1-247-897-11	CARBON	560K	5%	1/4W
R2010	1-249-429-11	CARBON	10K	5%	1/4W
R2015	1-249-435-11	CARBON	33K	5%	1/4W
R2016	1-249-431-11	CARBON	15K	5%	1/4W
R2017	1-249-421-11	CARBON	2.2K	5%	1/4W
R2018	1-249-418-11	CARBON	1.2K	5%	1/4W
R2019	1-249-421-11	CARBON	2.2K	5%	1/4W

****

Ref. No.	Part No.	Description			Remark
	A-1188-350-A	DIGITAL BOARD, COMPLETE			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C1001	1-126-925-91	ELECT	470uF	20%	10V
C1002	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1004	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1005	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1021	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1022	1-126-925-91	ELECT	470uF	20%	10V
C1031	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1032	1-126-925-91	ELECT	470uF	20%	10V
C1100	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1102	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1103	1-126-947-11	ELECT	47uF	20%	35V
C1104	1-216-864-11	SHORT CHIP	0		
C1105	1-216-864-11	SHORT CHIP	0		
C1107	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1108	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1118	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1119	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1120	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1121	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1122	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1123	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1124	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1129	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1130	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1131	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1132	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1137	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1138	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1139	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1140	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1142	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1144	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1145	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1146	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1149	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1171	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1172	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1251	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1252	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1253	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V

DIGITAL

Ref. No.	Part No.	Description			Remark
C1254	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1299	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1301	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1302	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1303	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1304	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1305	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1306	1-126-947-11	ELECT	47uF	20%	35V
C1308	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1309	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1310	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1312	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1313	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1314	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1315	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1351	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1354	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1355	1-104-662-91	ELECT	22uF	20%	25V
C1357	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C1358	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1359	1-126-916-11	ELECT	1000uF	20%	6.3V
C1360	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C1361	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1362	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1401	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1402	1-126-947-11	ELECT	47uF	20%	35V
C1403	1-126-964-11	ELECT	10uF	20%	50V
C1404	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1405	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1406	1-126-963-11	ELECT	4.7uF	20%	50V
C1407	1-126-963-11	ELECT	4.7uF	20%	50V
C1408	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1409	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1411	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1413	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1418	1-126-964-11	ELECT	10uF	20%	50V
C1422	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1423	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1428	1-126-964-11	ELECT	10uF	20%	50V
C1432	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1433	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1438	1-126-964-11	ELECT	10uF	20%	50V
C1441	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1442	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1448	1-126-964-11	ELECT	10uF	20%	50V
C1450	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1451	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1453	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1454	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1457	1-126-964-11	ELECT	10uF	20%	50V
C1458	1-126-964-11	ELECT	10uF	20%	50V
C1460	1-126-964-11	ELECT	10uF	20%	50V
C1462	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1463	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1468	1-126-964-11	ELECT	10uF	20%	50V
C1472	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1473	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1478	1-126-964-11	ELECT	10uF	20%	50V

Ref. No.	Part No.	Description			Remark
C1481	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1483	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1487	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1491	1-126-964-11	ELECT	10uF	20%	50V
C1494	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1495	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1501	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1502	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1503	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1504	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1505	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1506	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1507	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1508	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1509	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1510	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1511	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1513	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1514	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1515	1-126-925-91	ELECT	470uF	20%	10V
C1516	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1517	1-126-925-91	ELECT	470uF	20%	10V
C1518	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1519	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1520	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1521	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1522	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1525	1-126-925-91	ELECT	470uF	20%	10V
C1547	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1557	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1566	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1567	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1568	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1569	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1601	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1602	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1604	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1605	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1620	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1905	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1906	1-126-925-91	ELECT	470uF	20%	10V
C1908	1-126-925-91	ELECT	470uF	20%	10V
C1913	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1914	1-126-947-11	ELECT	47uF	20%	35V
C2216	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C2217	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C2218	1-126-947-11	ELECT	47uF	20%	35V

< CONNECTOR >

CNP503	1-784-922-11	PIN, CONNECTOR 5P
CNP504	1-784-923-11	PIN, CONNECTOR 7P
CNP505	1-784-925-11	PIN, CONNECTOR 10P
CNS501	1-573-829-11	CONNECTOR, BOARD TO BOARD 15P
CNS502	1-766-719-41	CONNECTOR, BOARD TO BOARD 10P
CNS504	1-568-828-11	CONNECTOR, FFC 9P
CNS505	1-784-784-11	CONNECTOR, FFC 23P
CNS508	1-568-830-11	CONNECTOR, FFC 11P
CNS509	1-784-778-11	CONNECTOR, FFC 17P

Ref. No.	Part No.	Description	Remark
		< DIODE >	
D1001	8-719-053-18	DIODE 1SR154-400TE-25	
D1003	8-719-049-09	DIODE 1SS367-T3SONY	
D1004	8-719-049-09	DIODE 1SS367-T3SONY	
D1107	8-719-988-61	DIODE 1SS355TE-17	
D1108	8-719-988-61	DIODE 1SS355TE-17	
D1110	8-719-988-61	DIODE 1SS355TE-17	
D1111	8-719-988-61	DIODE 1SS355TE-17	
D1301	8-719-988-61	DIODE 1SS355TE-17	
D1302	8-719-988-61	DIODE 1SS355TE-17	
D1501	8-719-049-09	DIODE 1SS367-T3SONY	
D1502	8-719-049-09	DIODE 1SS367-T3SONY	
D1503	8-719-049-09	DIODE 1SS367-T3SONY	
D1504	8-719-049-09	DIODE 1SS367-T3SONY	
		< FERRITE BEAD >	
FB1101	1-400-862-11	BEAD, FERRITE	
FB1302	1-400-862-11	BEAD, FERRITE	
FB1305	1-400-862-11	BEAD, FERRITE	
FB1306	1-400-862-11	BEAD, FERRITE	
FB1308	1-400-862-11	BEAD, FERRITE	
FB1405	1-400-862-11	BEAD, FERRITE	
FB1452	1-400-862-11	BEAD, FERRITE	
FB1453	1-400-862-11	BEAD, FERRITE	
FB1501	1-400-862-11	BEAD, FERRITE	
FB1502	1-400-862-11	BEAD, FERRITE	
FB1503	1-400-862-11	BEAD, FERRITE	
FB2034	1-400-862-11	BEAD, FERRITE	
		< IC >	
IC1001	8-759-231-53	IC TA7805S	
IC1031	6-705-464-01	IC BA50BC0T	
IC1101	6-806-529-01	IC MB90488BPF-G-193E1	
IC1111	6-702-913-01	IC S-80929CNMC-G8ZT2G	
IC1131	6-705-866-01	IC BR24L16FJ-WE2	
IC1301	8-759-825-15	IC LC89056W-E	
IC1303	8-759-242-70	IC TC7WU04F (TE12R)	
IC1351	6-600-466-01	IC TORX147L (SONY) (VIDEO 2 IN/OPTICAL)	
IC1354	6-600-466-01	IC TORX147L (SONY) (VIDEO 1 IN/OPTICAL)	
IC1401	8-759-560-56	IC PCM1800E/2K	
IC1403	8-759-710-97	IC NJM4565M (TE2)	
IC1404	8-759-710-97	IC NJM4565M (TE2)	
IC1405	8-759-710-97	IC NJM4565M (TE2)	
IC1406	8-759-710-97	IC NJM4565M (TE2)	
IC1452	6-708-785-01	IC PCM1609APT	
IC1501	6-705-900-01	IC CXD9718BQ	
IC1502	6-709-278-01	IC IS61WV6416BLL-12TLI	
IC1503	8-759-546-74	IC TC7WH157FU (TE12R)	
IC1601	8-759-268-29	IC SN74HC595ANSR	
IC1602	8-759-268-29	IC SN74HC595ANSR	
IC1901	6-701-887-02	IC SI-3004KWF	
IC1902	6-703-550-01	IC TA7809LS	
IC1904	6-705-463-01	IC BA33BC0T	
		< JACK >	
J1301	1-794-972-11	JACK, PIN 1P (DVD IN/COAXIAL)	

Ref. No.	Part No.	Description			Remark
		< JUMPER RESISTOR >			
JR1005	1-216-864-11	SHORT CHIP	0		
JR1008	1-216-864-11	SHORT CHIP	0		
JR1015	1-211-950-11	SHORT CHIP	0		
JR1016	1-211-950-11	SHORT CHIP	0		
JR1019	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
JR1020	1-216-864-11	SHORT CHIP	0		
JR1103	1-216-864-11	SHORT CHIP	0		
JR1104	1-216-864-11	SHORT CHIP	0		
JR1202	1-216-864-11	SHORT CHIP	0		
JR1207	1-211-950-11	SHORT CHIP	0		
JR1302	1-216-864-11	SHORT CHIP	0		
JR1303	1-216-864-11	SHORT CHIP	0		
JR1511	1-400-862-11	BEAD, FERRITE			
		< RESISTOR >			
R1010	1-216-809-11	METAL CHIP	100	5%	1/10W
R1011	1-216-809-11	METAL CHIP	100	5%	1/10W
R1012	1-216-809-11	METAL CHIP	100	5%	1/10W
R1013	1-216-809-11	METAL CHIP	100	5%	1/10W
R1014	1-216-809-11	METAL CHIP	100	5%	1/10W
R1015	1-216-809-11	METAL CHIP	100	5%	1/10W
R1016	1-216-809-11	METAL CHIP	100	5%	1/10W
R1017	1-216-809-11	METAL CHIP	100	5%	1/10W
R1035	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1039	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1041	1-216-809-11	METAL CHIP	100	5%	1/10W
R1042	1-216-809-11	METAL CHIP	100	5%	1/10W
R1044	1-216-809-11	METAL CHIP	100	5%	1/10W
R1049	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1061	1-216-809-11	METAL CHIP	100	5%	1/10W
R1062	1-216-809-11	METAL CHIP	100	5%	1/10W
R1063	1-216-809-11	METAL CHIP	100	5%	1/10W
R1065	1-216-809-11	METAL CHIP	100	5%	1/10W
R1066	1-216-809-11	METAL CHIP	100	5%	1/10W
R1067	1-216-809-11	METAL CHIP	100	5%	1/10W
R1068	1-216-809-11	METAL CHIP	100	5%	1/10W
R1072	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1073	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1076	1-216-809-11	METAL CHIP	100	5%	1/10W
R1077	1-216-809-11	METAL CHIP	100	5%	1/10W
R1078	1-216-809-11	METAL CHIP	100	5%	1/10W
R1081	1-216-809-11	METAL CHIP	100	5%	1/10W
R1082	1-216-809-11	METAL CHIP	100	5%	1/10W
R1083	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1084	1-216-809-11	METAL CHIP	100	5%	1/10W
R1088	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1094	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1095	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1096	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1097	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1106	1-216-809-11	METAL CHIP	100	5%	1/10W
R1107	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1108	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1109	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1110	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

DIGITAL

Ref. No.	Part No.	Description			Remark
R1111	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1112	1-216-809-11	METAL CHIP	100	5%	1/10W
R1113	1-216-809-11	METAL CHIP	100	5%	1/10W
R1114	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1115	1-216-809-11	METAL CHIP	100	5%	1/10W
R1116	1-216-809-11	METAL CHIP	100	5%	1/10W
R1117	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1118	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1119	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1120	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1121	1-216-809-11	METAL CHIP	100	5%	1/10W
R1122	1-216-809-11	METAL CHIP	100	5%	1/10W
R1123	1-216-809-11	METAL CHIP	100	5%	1/10W
R1124	1-216-809-11	METAL CHIP	100	5%	1/10W
R1125	1-216-809-11	METAL CHIP	100	5%	1/10W
R1126	1-216-809-11	METAL CHIP	100	5%	1/10W
R1127	1-216-809-11	METAL CHIP	100	5%	1/10W
R1128	1-216-809-11	METAL CHIP	100	5%	1/10W
R1129	1-216-809-11	METAL CHIP	100	5%	1/10W
R1130	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1134	1-216-809-11	METAL CHIP	100	5%	1/10W
R1135	1-216-809-11	METAL CHIP	100	5%	1/10W
R1136	1-216-809-11	METAL CHIP	100	5%	1/10W
R1137	1-216-809-11	METAL CHIP	100	5%	1/10W
R1140	1-216-809-11	METAL CHIP	100	5%	1/10W
R1142	1-216-809-11	METAL CHIP	100	5%	1/10W
R1143	1-216-809-11	METAL CHIP	100	5%	1/10W
R1144	1-216-809-11	METAL CHIP	100	5%	1/10W
R1149	1-216-809-11	METAL CHIP	100	5%	1/10W
R1150	1-216-809-11	METAL CHIP	100	5%	1/10W
R1151	1-216-809-11	METAL CHIP	100	5%	1/10W
R1152	1-216-809-11	METAL CHIP	100	5%	1/10W
R1153	1-216-809-11	METAL CHIP	100	5%	1/10W
R1154	1-216-809-11	METAL CHIP	100	5%	1/10W
R1155	1-216-809-11	METAL CHIP	100	5%	1/10W
R1156	1-216-864-11	SHORT CHIP	0		
R1157	1-216-864-11	SHORT CHIP	0		
R1159	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1160	1-216-809-11	METAL CHIP	100	5%	1/10W
R1161	1-216-809-11	METAL CHIP	100	5%	1/10W
R1162	1-216-809-11	METAL CHIP	100	5%	1/10W
R1163	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1164	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1179	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1180	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1182	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1183	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1184	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1185	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1187	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1188	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1189	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1190	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1191	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1192	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1193	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1194	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1201	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1251	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1252	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1260	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1261	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1301	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1302	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1303	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1304	1-216-809-11	METAL CHIP	100	5%	1/10W
R1305	1-216-819-11	METAL CHIP	680	5%	1/10W
R1306	1-216-801-11	METAL CHIP	22	5%	1/10W
R1307	1-216-809-11	METAL CHIP	100	5%	1/10W
R1308	1-216-809-11	METAL CHIP	100	5%	1/10W
R1309	1-216-809-11	METAL CHIP	100	5%	1/10W
R1310	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1311	1-216-809-11	METAL CHIP	100	5%	1/10W
R1312	1-216-809-11	METAL CHIP	100	5%	1/10W
R1313	1-216-809-11	METAL CHIP	100	5%	1/10W
R1314	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1315	1-216-809-11	METAL CHIP	100	5%	1/10W
R1316	1-216-809-11	METAL CHIP	100	5%	1/10W
R1318	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1319	1-216-864-11	SHORT CHIP	0		
R1321	1-216-864-11	SHORT CHIP	0		
R1323	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1351	1-216-809-11	METAL CHIP	100	5%	1/10W
R1354	1-216-809-11	METAL CHIP	100	5%	1/10W
R1355	1-218-285-11	METAL CHIP	75	5%	1/10W
R1356	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1357	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1358	1-216-854-11	METAL CHIP	560K	5%	1/10W
R1359	1-216-809-11	METAL CHIP	100	5%	1/10W
R1360	1-216-809-11	METAL CHIP	100	5%	1/10W
R1362	1-216-809-11	METAL CHIP	100	5%	1/10W
R1401	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1402	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1403	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1407	1-216-809-11	METAL CHIP	100	5%	1/10W
R1414	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1416	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1420	1-216-864-91	CONDUCTOR, CHIP (1608)			
R1421	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1424	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1425	1-216-864-11	SHORT CHIP	0		
R1426	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1434	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1435	1-216-864-11	SHORT CHIP	0		
R1436	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1444	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1445	1-216-864-11	SHORT CHIP	0		
R1446	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1454	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1455	1-216-864-11	SHORT CHIP	0		
R1460	1-216-864-11	SHORT CHIP	0		
R1461	1-216-864-11	SHORT CHIP	0		
R1463	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W

Ref. No.	Part No.	Description			Remark
R1464	1-216-864-11	SHORT CHIP	0		
R1466	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1470	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R1471	1-216-864-91	CONDUCTOR, CHIP (1608)			
R1472	1-216-864-91	CONDUCTOR, CHIP (1608)			
R1473	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R1474	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1475	1-216-864-91	CONDUCTOR, CHIP (1608)			
R1476	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1483	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1484	1-216-864-11	SHORT CHIP	0		
R1486	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1490	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1491	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1492	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1493	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1494	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1495	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1501	1-216-809-11	METAL CHIP	100	5%	1/10W
R1502	1-216-809-11	METAL CHIP	100	5%	1/10W
R1503	1-216-813-11	METAL CHIP	220	5%	1/10W
R1504	1-216-809-11	METAL CHIP	100	5%	1/10W
R1505	1-216-809-11	METAL CHIP	100	5%	1/10W
R1506	1-216-809-11	METAL CHIP	100	5%	1/10W
R1507	1-216-809-11	METAL CHIP	100	5%	1/10W
R1508	1-216-809-11	METAL CHIP	100	5%	1/10W
R1509	1-216-809-11	METAL CHIP	100	5%	1/10W
R1510	1-216-809-11	METAL CHIP	100	5%	1/10W
R1511	1-216-809-11	METAL CHIP	100	5%	1/10W
R1512	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1515	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1523	1-216-813-11	METAL CHIP	220	5%	1/10W
R1524	1-216-864-11	SHORT CHIP	0		
R1530	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1541	1-216-813-11	METAL CHIP	220	5%	1/10W
R1555	1-216-813-11	METAL CHIP	220	5%	1/10W
R1556	1-216-809-11	METAL CHIP	100	5%	1/10W
R1557	1-216-813-11	METAL CHIP	220	5%	1/10W
R1570	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1571	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1572	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1573	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1574	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1635	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1636	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
		< COMPOSITION CIRCUIT BLOCK >			
RB1500	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1501	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1502	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1503	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1504	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1506	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1507	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1508	1-233-576-11	RES, CHIP NETWORK	100 (3216)		

Ref. No.	Part No.	Description			Remark
		< VIBRATOR >			
X1101	1-813-448-21	PIEZOELECTRIC OSCILLATOR (24MHz)			
X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)			
X1502	1-813-276-21	QUARTZ CRYSTAL (13.9MHz)			
**********					
	A-1187-067-A	DISPLAY BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C100	1-127-888-11	CERAMIC	0.1uF	10%	50V
C101	1-127-888-11	CERAMIC	0.1uF	10%	50V
C104	1-113-342-11	CERAMIC	0.1uF		50V
C106	1-127-868-11	CERAMIC	2200PF	10%	50V
C107	1-127-868-11	CERAMIC	2200PF	10%	50V
C110	1-162-286-31	CERAMIC	220PF	10%	50V
C111	1-162-286-31	CERAMIC	220PF	10%	50V
C112	1-162-286-31	CERAMIC	220PF	10%	50V
C114	1-135-798-11	CERAMIC	0.22uF		50V
C115	1-126-795-11	ELECT	10uF	20%	50V
C144	1-127-888-11	CERAMIC	0.1uF	10%	50V
C145	1-127-888-11	CERAMIC	0.1uF	10%	50V
C147	1-162-286-31	CERAMIC	220PF	10%	50V
C148	1-162-286-31	CERAMIC	220PF	10%	50V
C149	1-162-286-31	CERAMIC	220PF	10%	50V
C150	1-127-888-11	CERAMIC	0.1uF	10%	50V
C151	1-127-888-11	CERAMIC	0.1uF	10%	50V
C152	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
CNS100	1-784-784-11	CONNECTOR, FFC 23P			
		< DIODE >			
D105	6-500-647-01	DIODE SEL5E20C-STP15 (BACKLIGHT)			
		< FLUORESCENT INDICATOR TUBE >			
FL101	1-519-866-01	VACUUM FLOURESCENT DISPLAYS			
		< IC >			
IC100	8-759-643-83	IC PT6315			
IC101	8-759-243-51	IC TC74ACT08P			
IC102	6-600-174-01	IC RPM7240-H4			
		< TRANSISTOR >			
Q110	8-729-119-78	TRANSISTOR	2SC1740S-QRT		
		< RESISTOR >			
R101	1-249-409-11	CARBON	220	5%	1/4W
R102	1-249-411-11	CARBON	330	5%	1/4W
R103	1-249-413-11	CARBON	470	5%	1/4W
R104	1-249-415-11	CARBON	680	5%	1/4W
R105	1-247-831-91	CARBON	1K	5%	1/4W
R106	1-249-419-11	CARBON	1.5K	5%	1/4W
R107	1-249-421-11	CARBON	2.2K	5%	1/4W
R108	1-249-409-11	CARBON	220	5%	1/4W
R109	1-249-411-11	CARBON	330	5%	1/4W
R110	1-249-413-11	CARBON	470	5%	1/4W

DISPLAY **HEADPHONE** **MAIN**

Ref. No.	Part No.	Description			Remark
R111	1-249-415-11	CARBON	680	5%	1/4W
R115	1-247-807-31	CARBON	100	5%	1/4W
R116	1-247-807-31	CARBON	100	5%	1/4W
R117	1-247-807-31	CARBON	100	5%	1/4W
R118	1-249-440-11	CARBON	82K	5%	1/4W
R119	1-247-807-31	CARBON	100	5%	1/4W
⚠R121	1-249-393-11	CARBON	10	5%	1/4W
R122	1-247-804-11	CARBON	75	5%	1/4W
R123	1-249-429-11	CARBON	10K	5%	1/4W
R131	1-249-421-11	CARBON	2.2K	5%	1/4W
⚠R198	1-249-381-11	CARBON	1	5%	1/4W
⚠R199	1-249-381-11	CARBON	1	5%	1/4W
		< VARIABLE RESISTOR >			
RV101	1-418-817-11	ENCODER, ROTARY (INPUT SELECTOR)			
RV102	1-418-725-41	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)			
		< SWITCH >			
S101	1-771-410-21	SWITCH, TACTILE (SPEED/X-ROUND)			
S102	1-771-410-21	SWITCH, TACTILE (MODE/X-ROUND)			
S103	1-771-410-21	SWITCH, TACTILE (INPUT MODE)			
S104	1-771-410-21	SWITCH, TACTILE (DISPLAY)			
S105	1-771-410-21	SWITCH, TACTILE (MOVIE)			
S106	1-771-410-21	SWITCH, TACTILE (A.F.D.)			
S107	1-771-410-21	SWITCH, TACTILE (2CH)			
S108	1-771-410-21	SWITCH, TACTILE (MEMORY/ENTER)			
S109	1-771-410-21	SWITCH, TACTILE (TUNING MODE)			
S110	1-771-410-21	SWITCH, TACTILE (–/TUNING)			
S111	1-771-410-21	SWITCH, TACTILE (+/TUNING)			
S124	1-771-410-21	SWITCH, TACTILE (MUSIC)			
**********					
		HEADPHONE BOARD			
		**********			
		< CAPACITOR >			
C790	1-127-888-11	CERAMIC	0.1uF	10%	50V
C791	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
CNP791	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
		< JACK >			
J791	1-815-314-21	JACK (PHONES)			
		< TEST PIN >			
* TP701	1-690-880-31	LEAD (WITH CONNECTOR)			
**********					
	A-1188-347-A	MAIN BOARD, COMPLETE			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C400	1-127-888-11	CERAMIC	0.1uF	10%	50V
C403	1-127-888-11	CERAMIC	0.1uF	10%	50V
C408	1-126-963-11	ELECT	4.7uF	20%	50V
C409	1-126-963-11	ELECT	4.7uF	20%	50V
C444	1-127-868-11	CERAMIC	2200PF	10%	50V
C453	1-162-286-31	CERAMIC	220PF	10%	50V
C458	1-126-963-11	ELECT	4.7uF	20%	50V
C459	1-126-963-11	ELECT	4.7uF	20%	50V
C463	1-162-286-31	CERAMIC	220PF	10%	50V
C464	1-127-888-11	CERAMIC	0.1uF	10%	50V
C468	1-162-282-31	CERAMIC	100PF	10%	50V
C469	1-162-282-31	CERAMIC	100PF	10%	50V
C471	1-126-963-11	ELECT	4.7uF	20%	50V
C472	1-126-963-11	ELECT	4.7uF	20%	50V
C481	1-126-964-11	ELECT	10uF	20%	50V
C484	1-126-964-11	ELECT	10uF	20%	50V
C485	1-126-964-11	ELECT	10uF	20%	50V
C488	1-127-888-11	CERAMIC	0.1uF	10%	50V
C492	1-126-964-11	ELECT	10uF	20%	50V
C493	1-126-964-11	ELECT	10uF	20%	50V
C495	1-126-964-11	ELECT	10uF	20%	50V
C499	1-162-286-31	CERAMIC	220PF	10%	50V
C501	1-126-963-11	ELECT	4.7uF	20%	50V
C503	1-104-658-91	ELECT	100uF	20%	10V
C504	1-107-585-11	CERAMIC	5PF	0.25PF	500V
C505	1-102-233-00	CERAMIC	33PF	10%	500V
C506	1-162-282-31	CERAMIC	100PF	10%	50V
C507	1-162-282-31	CERAMIC	100PF	10%	50V
C510	1-126-947-11	ELECT	47uF	20%	35V
C511	1-136-157-00	FILM	0.022uF	5%	50V
C516	1-162-815-11	CERAMIC	47PF	5%	500V
C517	1-162-815-11	CERAMIC	47PF	5%	500V
C519	1-162-286-31	CERAMIC	220PF	10%	50V
C529	1-127-876-11	CERAMIC	0.01uF	10%	50V
C540	1-126-964-11	ELECT	10uF	20%	50V
C541	1-127-876-11	CERAMIC	0.01uF	10%	50V
C601	1-126-963-11	ELECT	4.7uF	20%	50V
C603	1-104-658-91	ELECT	100uF	20%	10V
C604	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C605	1-102-233-00	CERAMIC	33PF	10%	500V
C606	1-162-282-31	CERAMIC	100PF	10%	50V
C607	1-162-282-31	CERAMIC	100PF	10%	50V
C610	1-126-947-11	ELECT	47uF	20%	35V
C611	1-136-157-00	FILM	0.022uF	5%	50V
C619	1-162-286-31	CERAMIC	220PF	10%	50V
C620	1-162-815-11	CERAMIC	47PF	5%	500V
C621	1-162-815-11	CERAMIC	47PF	5%	500V
C640	1-126-964-11	ELECT	10uF	20%	50V
C642	1-127-876-11	CERAMIC	0.01uF	10%	50V
C651	1-126-963-11	ELECT	4.7uF	20%	50V
C653	1-104-658-91	ELECT	100uF	20%	10V
C654	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C655	1-102-233-00	CERAMIC	33PF	10%	500V
C656	1-162-282-31	CERAMIC	100PF	10%	50V
C657	1-162-282-31	CERAMIC	100PF	10%	50V
C660	1-126-947-11	ELECT	47uF	20%	35V
C661	1-136-157-00	FILM	0.022uF	5%	50V
C666	1-162-815-11	CERAMIC	47PF	5%	500V
C669	1-162-815-11	CERAMIC	47PF	5%	500V

Ref. No.	Part No.	Description			Remark
C670	1-162-286-31	CERAMIC	220PF	10%	50V
C680	1-126-964-11	ELECT	10uF	20%	50V
C681	1-127-876-11	CERAMIC	0.01uF	10%	50V
C691	1-127-888-11	CERAMIC	0.1uF	10%	50V
C701	1-126-963-11	ELECT	4.7uF	20%	50V
C702	1-126-964-11	ELECT	10uF	20%	50V
C703	1-104-658-91	ELECT	100uF	20%	10V
C704	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C705	1-102-233-00	CERAMIC	33PF	10%	500V
C706	1-162-282-31	CERAMIC	100PF	10%	50V
C707	1-162-282-31	CERAMIC	100PF	10%	50V
C710	1-126-947-11	ELECT	47uF	20%	35V
C711	1-136-157-00	FILM	0.022uF	5%	50V
C716	1-162-815-11	CERAMIC	47PF	5%	500V
C717	1-162-815-11	CERAMIC	47PF	5%	500V
C720	1-162-286-31	CERAMIC	220PF	10%	50V
C721	1-126-923-91	ELECT	220uF	20%	10V
C722	1-126-964-11	ELECT	10uF	20%	50V
C729	1-127-876-11	CERAMIC	0.01uF	10%	50V
C732	1-128-582-11	ELECT	10uF	20%	100V
C733	1-128-582-11	ELECT	10uF	20%	100V
C740	1-126-964-11	ELECT	10uF	20%	50V
C741	1-128-579-11	ELECT	2.2uF	20%	100V
C742	1-127-876-11	CERAMIC	0.01uF	10%	50V
C743	1-128-579-11	ELECT	2.2uF	20%	100V
C744	1-128-579-11	ELECT	2.2uF	20%	100V
C749	1-127-876-11	CERAMIC	0.01uF	10%	50V
C750	1-126-964-11	ELECT	10uF	20%	50V
C751	1-126-963-11	ELECT	4.7uF	20%	50V
C752	1-127-876-11	CERAMIC	0.01uF	10%	50V
C753	1-104-658-91	ELECT	100uF	20%	10V
C754	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C755	1-102-233-00	CERAMIC	33PF	10%	500V
C756	1-162-282-31	CERAMIC	100PF	10%	50V
C757	1-162-282-31	CERAMIC	100PF	10%	50V
C760	1-126-947-11	ELECT	47uF	20%	35V
C761	1-136-157-00	FILM	0.022uF	5%	50V
C762	1-126-964-11	ELECT	10uF	20%	50V
C766	1-162-815-11	CERAMIC	47PF	5%	500V
C767	1-162-815-11	CERAMIC	47PF	5%	500V
C770	1-162-286-31	CERAMIC	220PF	10%	50V
C791	1-126-923-91	ELECT	220uF	20%	10V
C801	1-126-947-11	ELECT	47uF	20%	35V
C802	1-126-947-11	ELECT	47uF	20%	35V
C803	1-165-946-12	ELECT (BLOCK)	6800uF	20%	71V
C804	1-165-946-12	ELECT (BLOCK)	6800uF	20%	71V
C805	1-135-851-21	MYLAR	0.22uF		100V
C806	1-135-851-21	MYLAR	0.22uF		100V
C807	1-126-947-11	ELECT	47uF	20%	35V
C808	1-126-947-11	ELECT	47uF	20%	35V
C809	1-127-888-11	CERAMIC	0.1uF	10%	50V
C810	1-127-888-11	CERAMIC	0.1uF	10%	50V
C811	1-127-888-11	CERAMIC	0.1uF	10%	50V
C822	1-126-947-11	ELECT	47uF	20%	35V
C830	1-127-888-11	CERAMIC	0.1uF	10%	50V
C831	1-127-888-11	CERAMIC	0.1uF	10%	50V
C832	1-126-936-11	ELECT	3300uF	20%	16V

Ref. No.	Part No.	Description			Remark
C842	1-126-960-11	ELECT	1uF	20%	50V
C3003	1-128-805-11	CERAMIC	47PF	5%	50V
C3005	1-126-963-11	ELECT	4.7uF	20%	50V
C3007	1-127-888-11	CERAMIC	0.1uF	10%	50V
C3008	1-126-947-11	ELECT	47uF	20%	35V
C3009	1-126-947-11	ELECT	47uF	20%	35V
C3012	1-127-888-11	CERAMIC	0.1uF	10%	50V
C3013	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
CN3001	1-820-048-11	CONNECTOR (LIGHTING) (D-LIGHT SYNC OUT)			
		< CONNECTOR >			
CNP500	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P			
CNP501	1-573-847-11	CONNECTOR, BOARD TO BOARD 15P			
CNP503	1-779-978-11	PIN, CONNECTOR 3P			
* CNP801	1-564-104-00	PIN, CONNECTOR (3.96mm PITCH) 3P			
CNP802	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			
CNP806	1-779-978-11	PIN, CONNECTOR 3P			
CNP911	1-779-977-11	PIN, CONNECTOR 6P			
CNP912	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
CNP913	1-784-922-11	PIN, CONNECTOR 5P			
		< DIODE >			
D505	8-719-991-33	DIODE 1SS133T-72			
D529	8-719-991-33	DIODE 1SS133T-72			
D540	8-719-991-33	DIODE 1SS133T-72			
D560	8-719-991-33	DIODE 1SS133T-72			
D605	8-719-991-33	DIODE 1SS133T-72			
D610	8-719-991-33	DIODE 1SS133T-72			
D640	8-719-991-33	DIODE 1SS133T-72			
D665	8-719-991-33	DIODE 1SS133T-72			
D680	8-719-991-33	DIODE 1SS133T-72			
D690	8-719-934-21	DIODE HZS30-1LTA			
D691	8-719-991-33	DIODE 1SS133T-72			
D692	8-719-991-33	DIODE 1SS133T-72			
D693	8-719-933-95	DIODE HZS20-1LTA			
D705	8-719-991-33	DIODE 1SS133T-72			
D710	8-719-991-33	DIODE 1SS133T-72			
D721	8-719-991-33	DIODE 1SS133T-72			
D722	8-719-991-33	DIODE 1SS133T-72			
D729	8-719-991-33	DIODE 1SS133T-72			
D732	8-719-991-33	DIODE 1SS133T-72			
D740	8-719-991-33	DIODE 1SS133T-72			
D749	8-719-991-33	DIODE 1SS133T-72			
D750	8-719-991-33	DIODE 1SS133T-72			
D765	8-719-991-33	DIODE 1SS133T-72			
D791	8-719-991-33	DIODE 1SS133T-72			
D801	8-719-933-95	DIODE HZS20-1LTA			
D802	8-719-072-05	DIODE RBV-602LF-A			
D804	8-719-068-28	DIODE HZ6.8BP-TK			
D805	6-500-522-11	DIODE 10EDB40-TA2B5			
D806	6-500-522-11	DIODE 10EDB40-TA2B5			
D807	6-500-522-11	DIODE 10EDB40-TA2B5			
D808	6-500-522-11	DIODE 10EDB40-TA2B5			
D841	8-719-981-96	DIODE MTZJ-3.0			
D896	8-719-043-76	DIODE AK04V1			
D3001	8-719-947-16	DIODE MTZJ-T-72-5.1A			

MAIN

Ref. No.	Part No.	Description	Remark
		< IC >	
IC401	6-707-362-01	IC BD3451KS	
IC402	8-759-167-88	IC NJM4565D	
IC501	6-700-943-01	IC uPC2581V-S	
IC601	6-700-943-01	IC uPC2581V-S	
IC691	8-759-167-88	IC NJM4565D	
IC701	6-700-943-01	IC uPC2581V-S	
IC801	8-759-071-48	IC TA7807S	
IC802	8-759-071-47	IC TA79007S	
IC3001	8-759-167-88	IC NJM4565D	
		< JACK >	
J309	1-774-843-21	JACK, PIN 1P (SUB WOOFER/AUDIO OUT)	
J402	1-770-614-11	JACK, PIN 4P (SA-CD/CD//IN, MD/TAPE//OUT)	
J403	1-770-614-11	JACK, PIN 4P (MD/TAPE//IN, DVD/AUDIO IN)	
J404	1-774-411-11	JACK, PIN 6P (VIDEO 2/AUDIO IN,VIDEO 1/AUDIO OUT,VIDEO 1/AUDIO IN)	
		< COIL >	
L601	1-420-872-52	COIL, AIR-CORE	
L651	1-420-872-52	COIL, AIR-CORE	
L701	1-420-872-52	COIL, AIR-CORE	
L751	1-420-872-52	COIL, AIR-CORE	
L3001	1-410-509-11	INDUCTOR 10uH	
		< TRANSISTOR >	
Q501	8-729-119-76	TRANSISTOR 2SA1115TP-EF	
Q502	8-729-141-30	TRANSISTOR 2SC3623ATP-LK	
Q505	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q506	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q540	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
Q560	8-729-119-78	TRANSISTOR 2SC1740S-QRT	
Q601	8-729-119-76	TRANSISTOR 2SA1115TP-EF	
Q602	8-729-141-30	TRANSISTOR 2SC3623ATP-LK	
Q605	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q606	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q610	8-729-119-78	TRANSISTOR 2SC1740S-QRT	
Q640	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
Q651	8-729-119-76	TRANSISTOR 2SA1115TP-EF	
Q652	8-729-141-30	TRANSISTOR 2SC3623ATP-LK	
Q655	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q656	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q680	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
Q691	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
Q692	8-729-029-40	TRANSISTOR DTA124ESA-TP	
Q693	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
Q694	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
Q695	8-729-119-76	TRANSISTOR 2SA1115TP-EF	
Q701	8-729-119-76	TRANSISTOR 2SA1115TP-EF	
Q702	8-729-141-30	TRANSISTOR 2SC3623ATP-LK	
Q705	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q706	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q710	8-729-119-78	TRANSISTOR 2SC1740S-QRT	
Q722	8-729-140-84	TRANSISTOR 2SC1841TP-PAFAEA	
Q723	8-729-119-78	TRANSISTOR 2SC1740S-QRT	
Q725	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q740	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
Q750	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
Q751	8-729-119-76	TRANSISTOR 2SA1115TP-EF	
Q752	8-729-141-30	TRANSISTOR 2SC3623ATP-LK	
Q755	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q756	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q790	8-729-119-78	TRANSISTOR 2SC1740S-QRT	
Q793	8-729-119-78	TRANSISTOR 2SC1740S-QRT	
Q795	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q801	8-729-140-97	TRANSISTOR 2SB734-T-34	
Q3001	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
		< RESISTOR >	
R402	1-247-831-91	CARBON 1K 5% 1/4W	
R404	1-247-831-91	CARBON 1K 5% 1/4W	
R405	1-247-831-91	CARBON 1K 5% 1/4W	
R406	1-247-831-91	CARBON 1K 5% 1/4W	
R407	1-247-831-91	CARBON 1K 5% 1/4W	
R408	1-247-831-91	CARBON 1K 5% 1/4W	
R409	1-247-831-91	CARBON 1K 5% 1/4W	
R428	1-247-831-91	CARBON 1K 5% 1/4W	
R429	1-247-831-91	CARBON 1K 5% 1/4W	
R452	1-247-831-91	CARBON 1K 5% 1/4W	
R454	1-247-831-91	CARBON 1K 5% 1/4W	
R455	1-247-831-91	CARBON 1K 5% 1/4W	
R456	1-247-831-91	CARBON 1K 5% 1/4W	
R457	1-247-831-91	CARBON 1K 5% 1/4W	
R458	1-247-831-91	CARBON 1K 5% 1/4W	
R459	1-247-831-91	CARBON 1K 5% 1/4W	
R468	1-247-879-91	CARBON 100K 5% 1/4W	
R469	1-247-831-91	CARBON 1K 5% 1/4W	
R470	1-247-871-91	CARBON 47K 5% 1/4W	
R473	1-249-429-11	CARBON 10K 5% 1/4W	
R474	1-249-429-11	CARBON 10K 5% 1/4W	
R475	1-249-429-11	CARBON 10K 5% 1/4W	
R476	1-249-429-11	CARBON 10K 5% 1/4W	
R480	1-247-871-91	CARBON 47K 5% 1/4W	
R499	1-247-871-91	CARBON 47K 5% 1/4W	
R501	1-247-831-91	CARBON 1K 5% 1/4W	
R502	1-249-439-11	CARBON 68K 5% 1/4W	
R503	1-249-421-11	CARBON 2.2K 5% 1/4W	
R505	1-249-439-11	CARBON 68K 5% 1/4W	
R510	1-249-421-11	CARBON 2.2K 5% 1/4W	
R511	1-249-440-11	CARBON 82K 5% 1/4W	
R513	1-249-414-11	CARBON 560 5% 1/4W	
⚠R514	1-249-399-11	CARBON 33 5% 1/4W	
⚠R515	1-249-399-11	CARBON 33 5% 1/4W	
⚠R516	1-234-182-11	ENCAPSULATED COMPONENT	
⚠R517	1-249-393-11	CARBON 10 5% 1/4W	
R520	1-247-847-91	CARBON 4.7K 5% 1/4W	
⚠R521	1-240-855-81	CARBON 6.2K 5% 1/4W	
R522	1-249-419-11	CARBON 1.5K 5% 1/4W	
R524	1-249-431-11	CARBON 15K 5% 1/4W	
R525	1-249-439-11	CARBON 68K 5% 1/4W	
R529	1-247-843-11	CARBON 3.3K 5% 1/4W	
R532	1-249-429-11	CARBON 10K 5% 1/4W	
R533	1-247-871-91	CARBON 47K 5% 1/4W	
R539	1-247-879-91	CARBON 100K 5% 1/4W	
R540	1-247-863-91	CARBON 22K 5% 1/4W	

Ref. No.	Part No.	Description			Remark
R546	1-249-431-11	CARBON	15K	5%	1/4W
R553	1-249-421-11	CARBON	2.2K	5%	1/4W
R555	1-247-847-91	CARBON	4.7K	5%	1/4W
R556	1-247-871-91	CARBON	47K	5%	1/4W
R557	1-249-431-11	CARBON	15K	5%	1/4W
R573	1-247-871-91	CARBON	47K	5%	1/4W
R585	1-247-847-91	CARBON	4.7K	5%	1/4W
R586	1-247-871-91	CARBON	47K	5%	1/4W
R588	1-249-431-11	CARBON	15K	5%	1/4W
R601	1-247-831-91	CARBON	1K	5%	1/4W
R602	1-249-439-11	CARBON	68K	5%	1/4W
R603	1-249-421-11	CARBON	2.2K	5%	1/4W
R604	1-249-439-11	CARBON	68K	5%	1/4W
R610	1-249-421-11	CARBON	2.2K	5%	1/4W
R611	1-249-440-11	CARBON	82K	5%	1/4W
R613	1-249-414-11	CARBON	560	5%	1/4W
⚠R614	1-249-399-11	CARBON	33	5%	1/4W
⚠R615	1-249-399-11	CARBON	33	5%	1/4W
⚠R616	1-234-182-11	ENCAPSULATED COMPONENT			
⚠R617	1-249-393-11	CARBON	10	5%	1/4W
⚠R618	1-249-389-11	CARBON	4.7	5%	1/4W
R620	1-247-847-91	CARBON	4.7K	5%	1/4W
⚠R621	1-240-855-81	CARBON	6.2K	5%	1/4W
R622	1-249-419-11	CARBON	1.5K	5%	1/4W
R623	1-247-871-91	CARBON	47K	5%	1/4W
R624	1-249-431-11	CARBON	15K	5%	1/4W
R625	1-249-439-11	CARBON	68K	5%	1/4W
R631	1-249-421-11	CARBON	2.2K	5%	1/4W
⚠R634	1-249-404-00	CARBON	82	5%	1/4W
R638	1-249-439-11	CARBON	68K	5%	1/4W
R640	1-247-863-91	CARBON	22K	5%	1/4W
R648	1-249-431-11	CARBON	15K	5%	1/4W
R651	1-247-831-91	CARBON	1K	5%	1/4W
R652	1-249-439-11	CARBON	68K	5%	1/4W
R653	1-249-421-11	CARBON	2.2K	5%	1/4W
R654	1-249-439-11	CARBON	68K	5%	1/4W
R655	1-247-847-91	CARBON	4.7K	5%	1/4W
R656	1-247-871-91	CARBON	47K	5%	1/4W
R657	1-249-431-11	CARBON	15K	5%	1/4W
R660	1-249-421-11	CARBON	2.2K	5%	1/4W
R661	1-249-440-11	CARBON	82K	5%	1/4W
R663	1-249-414-11	CARBON	560	5%	1/4W
⚠R664	1-249-399-11	CARBON	33	5%	1/4W
⚠R665	1-249-399-11	CARBON	33	5%	1/4W
⚠R666	1-234-182-11	ENCAPSULATED COMPONENT			
⚠R667	1-249-393-11	CARBON	10	5%	1/4W
⚠R668	1-249-389-11	CARBON	4.7	5%	1/4W
R669	1-247-847-91	CARBON	4.7K	5%	1/4W
⚠R671	1-240-855-81	CARBON	6.2K	5%	1/4W
R672	1-249-419-11	CARBON	1.5K	5%	1/4W
R673	1-247-871-91	CARBON	47K	5%	1/4W
R674	1-249-431-11	CARBON	15K	5%	1/4W
R675	1-247-847-91	CARBON	4.7K	5%	1/4W
R676	1-247-871-91	CARBON	47K	5%	1/4W
R677	1-249-431-11	CARBON	15K	5%	1/4W
R680	1-247-863-91	CARBON	22K	5%	1/4W
R681	1-249-431-11	CARBON	15K	5%	1/4W
R689	1-249-429-11	CARBON	10K	5%	1/4W
R690	1-247-887-00	CARBON	220K	5%	1/4W
R691	1-215-888-00	METAL OXIDE	220	5%	2W
R692	1-215-888-00	METAL OXIDE	220	5%	2W
R693	1-249-429-11	CARBON	10K	5%	1/4W
R694	1-249-429-11	CARBON	10K	5%	1/4W
R695	1-249-429-11	CARBON	10K	5%	1/4W
R696	1-247-871-91	CARBON	47K	5%	1/4W
R697	1-247-871-91	CARBON	47K	5%	1/4W
R698	1-249-429-11	CARBON	10K	5%	1/4W
R699	1-247-895-00	CARBON	470K	5%	1/4W
R700	1-249-429-11	CARBON	10K	5%	1/4W
R701	1-247-831-91	CARBON	1K	5%	1/4W
R702	1-249-439-11	CARBON	68K	5%	1/4W
R703	1-249-421-11	CARBON	2.2K	5%	1/4W
R704	1-249-439-11	CARBON	68K	5%	1/4W
R705	1-247-895-00	CARBON	470K	5%	1/4W
R706	1-215-888-00	METAL OXIDE	220	5%	2W
R710	1-249-421-11	CARBON	2.2K	5%	1/4W
R711	1-249-440-11	CARBON	82K	5%	1/4W
R713	1-249-414-11	CARBON	560	5%	1/4W
⚠R714	1-249-399-11	CARBON	33	5%	1/4W
⚠R715	1-249-399-11	CARBON	33	5%	1/4W
⚠R716	1-234-182-11	ENCAPSULATED COMPONENT			
⚠R717	1-249-393-11	CARBON	10	5%	1/4W
⚠R718	1-249-389-11	CARBON	4.7	5%	1/4W
R719	1-247-847-91	CARBON	4.7K	5%	1/4W
⚠R721	1-240-855-81	CARBON	6.2K	5%	1/4W
R722	1-249-419-11	CARBON	1.5K	5%	1/4W
R723	1-247-871-91	CARBON	47K	5%	1/4W
R724	1-249-431-11	CARBON	15K	5%	1/4W
R725	1-249-439-11	CARBON	68K	5%	1/4W
R729	1-247-843-11	CARBON	3.3K	5%	1/4W
R731	1-249-421-11	CARBON	2.2K	5%	1/4W
⚠R732	1-249-381-11	CARBON	1	5%	1/4W
⚠R733	1-249-381-11	CARBON	1	5%	1/4W
⚠R734	1-249-404-00	CARBON	82	5%	1/4W
R735	1-249-427-11	CARBON	6.8K	5%	1/4W
R736	1-247-831-91	CARBON	1K	5%	1/4W
R737	1-249-436-11	CARBON	39K	5%	1/4W
R739	1-247-879-91	CARBON	100K	5%	1/4W
R740	1-247-863-91	CARBON	22K	5%	1/4W
R741	1-249-431-11	CARBON	15K	5%	1/4W
R743	1-249-431-11	CARBON	15K	5%	1/4W
R744	1-249-431-11	CARBON	15K	5%	1/4W
R745	1-247-847-91	CARBON	4.7K	5%	1/4W
R746	1-247-871-91	CARBON	47K	5%	1/4W
R747	1-249-431-11	CARBON	15K	5%	1/4W
R748	1-249-431-11	CARBON	15K	5%	1/4W
R749	1-247-843-11	CARBON	3.3K	5%	1/4W
R750	1-247-863-91	CARBON	22K	5%	1/4W
R751	1-247-831-91	CARBON	1K	5%	1/4W
R752	1-249-439-11	CARBON	68K	5%	1/4W
R753	1-249-421-11	CARBON	2.2K	5%	1/4W
R754	1-249-439-11	CARBON	68K	5%	1/4W
R755	1-247-847-91	CARBON	4.7K	5%	1/4W
R756	1-247-871-91	CARBON	47K	5%	1/4W
R757	1-249-431-11	CARBON	15K	5%	1/4W

MAIN | **POWER** | **SPEAKER C/SB** | **SPEAKER B** | **STANDBY**

Ref. No.	Part No.	Description			Remark
R758	1-249-431-11	CARBON	15K	5%	1/4W
R759	1-247-879-91	CARBON	100K	5%	1/4W
R760	1-249-421-11	CARBON	2.2K	5%	1/4W
R761	1-249-440-11	CARBON	82K	5%	1/4W
R763	1-249-414-11	CARBON	560	5%	1/4W
⚠R764	1-249-399-11	CARBON	33	5%	1/4W
⚠R765	1-249-399-11	CARBON	33	5%	1/4W
⚠R766	1-234-182-11	ENCAPSULATED COMPONENT			
⚠R767	1-249-393-11	CARBON	10	5%	1/4W
⚠R768	1-249-389-11	CARBON	4.7	5%	1/4W
R769	1-247-847-91	CARBON	4.7K	5%	1/4W
⚠R771	1-240-855-81	CARBON	6.2K	5%	1/4W
R772	1-249-419-11	CARBON	1.5K	5%	1/4W
R773	1-247-871-91	CARBON	47K	5%	1/4W
R775	1-249-439-11	CARBON	68K	5%	1/4W
R778	1-249-431-11	CARBON	15K	5%	1/4W
R780	1-249-429-11	CARBON	10K	5%	1/4W
R791	1-249-421-11	CARBON	2.2K	5%	1/4W
R792	1-215-868-00	METAL OXIDE	680	5%	1W
⚠R793	1-249-404-00	CARBON	82	5%	1/4W
R794	1-215-868-00	METAL OXIDE	680	5%	1W
⚠R802	1-249-409-11	CARBON	220	5%	1/4W
⚠R803	1-249-389-11	CARBON	4.7	5%	1/4W
R804	1-249-429-11	CARBON	10K	5%	1/4W
R806	1-247-863-91	CARBON	22K	5%	1/4W
R843	1-247-831-91	CARBON	1K	5%	1/4W
R844	1-247-863-91	CARBON	22K	5%	1/4W
⚠R910	1-240-877-11	FUSIBLE	0.15	5%	1/2W
R3001	1-247-863-91	CARBON	22K	5%	1/4W
R3002	1-247-863-91	CARBON	22K	5%	1/4W
R3003	1-247-863-91	CARBON	22K	5%	1/4W
R3005	1-249-421-11	CARBON	2.2K	5%	1/4W
R3006	1-249-429-11	CARBON	10K	5%	1/4W
R3007	1-249-414-11	CARBON	560	5%	1/4W
⚠R3008	1-249-393-11	CARBON	10	5%	1/4W
		< RELAY >			
RY560	1-755-267-11	RELAY			
RY601	1-755-170-11	RELAY (12V)			
RY701	1-755-170-11	RELAY (12V)			
RY791	1-755-170-11	RELAY (12V)			
		< TERMINAL >			
TM601	1-780-364-11	TERMINAL BOARD (SP) (8P) (SURROUND, FRONT/SPEAKERS IMPEDANCE 6-16Ω)			
**********					
		POWER BOARD			
		**********			
		< RESISTOR >			
R114	1-247-831-91	CARBON	1K	5%	1/4W
		< SWITCH >			
S100	1-771-410-21	SWITCH, TACTILE (I/⏻)			
S115	1-771-410-21	SWITCH, TACTILE (SPEAKERS ON/OFF)			
**********					

Ref. No.	Part No.	Description			Remark
		SPEAKER C/SB BOARD			
		**********			
		< CAPACTOR >			
CC16	1-127-876-11	CERAMIC	0.01uF	10%	50V
CC17	1-127-876-11	CERAMIC	0.01uF	10%	50V
		< CONNECTOR >			
* CNP503	1-564-241-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
		< DIODE >			
D510	8-719-991-33	DIODE 1SS133T-72			
		< COIL >			
L571	1-420-872-52	COIL, AIR-CORE			
L751	1-420-872-52	COIL, AIR-CORE			
		< TRANSISTOR >			
Q550	8-729-119-78	TRANSISTOR	2SC1740S-QRT		
		< RESISTOR >			
R531	1-249-421-11	CARBON	2.2K	5%	1/4W
⚠R534	1-249-404-00	CARBON	82	5%	1/4W
⚠R578	1-249-389-11	CARBON	4.7	5%	1/4W
⚠R751	1-249-389-11	CARBON	4.7	5%	1/4W
⚠RR16	1-249-393-11	CARBON	10	5%	1/4W
⚠RR17	1-249-393-11	CARBON	10	5%	1/4W
		< RELAY >			
RY501	1-755-170-11	RELAY (12V)			
		< TERMINAL >			
TM502	1-780-217-11	TERMINAL BOARD (SP) (2P) (CENTER)			
**********					
		SPEAKER B BOARD			
		**********			
		< CONNECTOR >			
* CNP807	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P			
**********					
		STANDBY BOARD			
		**********			
		< CAPACITOR >			
C913	1-127-888-11	CERAMIC	0.1uF	10%	50V
C914	1-127-888-11	CERAMIC	0.1uF	10%	50V
C915	1-126-943-11	ELECT	2200uF	20%	25V
C916	1-126-942-61	ELECT	1000uF	20%	25V
C920	1-127-888-11	CERAMIC	0.1uF	10%	50V
C921	1-127-888-11	CERAMIC	0.1uF	10%	50V
C924	1-126-960-11	ELECT	1uF	20%	50V
C950	1-126-936-11	ELECT	3300uF	20%	16V

Ref. No.	Part No.	Description			Remark
		< CONNECTOR >			
CNP801	1-784-922-11	PIN, CONNECTOR 5P			
CNP804	1-564-506-11	PLUG, CONNECTOR 3P			
CNP901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CNP902	1-794-577-21	PIN, CONNECTOR (POWER)			
CNP903	1-779-977-11	PIN, CONNECTOR 6P			
		< DIODE >			
D901	8-719-991-33	DIODE 1SS133T-72			
D910	6-500-522-11	DIODE 10EDB40-TA2B5			
D911	6-500-522-11	DIODE 10EDB40-TA2B5			
D912	6-500-522-11	DIODE 10EDB40-TA2B5			
D913	6-500-522-11	DIODE 10EDB40-TA2B5			
D914	8-719-991-33	DIODE 1SS133T-72			
D915	8-719-991-33	DIODE 1SS133T-72			
D920	6-500-522-11	DIODE 10EDB40-TA2B5			
D921	6-500-522-11	DIODE 10EDB40-TA2B5			
D922	6-500-522-11	DIODE 10EDB40-TA2B5			
D923	6-500-522-11	DIODE 10EDB40-TA2B5			
		< FUSE HOLDER >			
FH901	1-533-217-41	HOLDER, FUSE			
FH951	1-533-217-41	HOLDER, FUSE			
		< GROUND TERMINAL >			
G901	1-537-738-21	TERMINAL, GROUND			
		< TRANSISTOR >			
Q901	8-729-119-78	TRANSISTOR	2SC1740S-QRT		
Q921	8-729-119-78	TRANSISTOR	2SC1740S-QRT		
		< RESISTOR >			
⚠R810	1-243-634-91	FUSIBLE	0.22	5%	1/2W
⚠R811	1-243-634-91	FUSIBLE	0.22	5%	1/2W
R902	1-247-871-91	CARBON	47K	5%	1/4W
R903	1-249-421-11	CARBON	2.2K	5%	1/4W
⚠R904	1-249-381-11	CARBON	1	5%	1/4W
R921	1-247-871-91	CARBON	47K	5%	1/4W
R922	1-247-863-91	CARBON	22K	5%	1/4W
R923	1-249-429-11	CARBON	10K	5%	1/4W
		< RELAY >			
⚠RY901	1-755-541-11	RELAY			
		< TRANSFORMER >			
⚠T902	1-443-518-11	POWER TRANSFORMER			
**********					
		VIDEO BOARD			
		**********			
		< CAPACITOR >			
C200	1-128-805-11	CERAMIC	47PF	5%	50V
C201	1-128-805-11	CERAMIC	47PF	5%	50V
C206	1-126-964-11	ELECT	10uF	20%	50V
C207	1-126-964-11	ELECT	10uF	20%	50V
C208	1-126-964-11	ELECT	10uF	20%	50V

Ref. No.	Part No.	Description			Remark
C209	1-126-964-11	ELECT	10uF	20%	50V
C214	1-127-888-11	CERAMIC	0.1uF	10%	50V
C215	1-127-888-11	CERAMIC	0.1uF	10%	50V
C220	1-126-947-11	ELECT	47uF	20%	35V
C221	1-126-934-11	ELECT	220uF	20%	16V
C223	1-127-888-11	CERAMIC	0.1uF	10%	50V
C224	1-127-888-11	CERAMIC	0.1uF	10%	50V
C308	1-126-964-11	ELECT	10uF	20%	50V
C309	1-126-964-11	ELECT	10uF	20%	50V
C310	1-126-964-11	ELECT	10uF	20%	50V
C311	1-126-964-11	ELECT	10uF	20%	50V
C312	1-126-964-11	ELECT	10uF	20%	50V
C313	1-126-964-11	ELECT	10uF	20%	50V
C315	1-127-868-11	CERAMIC	2200PF	10%	50V
C316	1-127-868-11	CERAMIC	2200PF	10%	50V
C330	1-127-888-11	CERAMIC	0.1uF	10%	50V
C331	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
CNP202	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P			
CNP203	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CNS203	1-784-778-11	CONNECTOR, FFC 17P			
		< DIODE >			
D203	8-719-991-33	DIODE 1SS133T-72			
D204	8-719-991-33	DIODE 1SS133T-72			
		< IC >			
IC203	6-701-890-01	IC NJM2595D			
IC304	6-707-363-01	IC NJM2586AL			
IC804	8-759-245-79	IC TA79005S			
IC807	8-759-231-53	IC TA7805S			
		< JACK >			
J200	1-794-978-11	JACK, PIN 3P (DVD/VIDEO IN, VIDEO 2/VIDEO IN, VIDEO 1/VIDEO OUT)			
J201	1-815-043-11	JACK, PIN 2P (VIDEO 1/VIDEO IN, MONITOR/VIDEO OUT)			
J301	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO/MONITOR OUT, VIDEO2 IN, DVD IN)			
		< RESISTOR >			
R200	1-247-804-11	CARBON	75	5%	1/4W
R201	1-247-804-11	CARBON	75	5%	1/4W
R218	1-247-804-11	CARBON	75	5%	1/4W
R219	1-247-804-11	CARBON	75	5%	1/4W
R220	1-247-804-11	CARBON	75	5%	1/4W
R221	1-247-804-11	CARBON	75	5%	1/4W
R301	1-247-804-11	CARBON	75	5%	1/4W
R302	1-247-804-11	CARBON	75	5%	1/4W
R303	1-247-804-11	CARBON	75	5%	1/4W
R304	1-247-804-11	CARBON	75	5%	1/4W
R305	1-247-804-11	CARBON	75	5%	1/4W
R306	1-247-804-11	CARBON	75	5%	1/4W
R307	1-247-804-11	CARBON	75	5%	1/4W
R308	1-247-804-11	CARBON	75	5%	1/4W
R309	1-247-804-11	CARBON	75	5%	1/4W

VIDEO **VIDEO 3**

Ref. No.	Part No.	Description			Remark
R310	1-247-831-91	CARBON	1K	5%	1/4W
R311	1-247-831-91	CARBON	1K	5%	1/4W
R312	1-247-831-91	CARBON	1K	5%	1/4W
R313	1-247-863-91	CARBON	22K	5%	1/4W

****

VIDEO 3 BOARD
****

< CAPACITOR >

C293	1-127-888-11	CERAMIC	0.1uF	10%	50V
C294	1-127-888-11	CERAMIC	0.1uF	10%	50V

< CONNECTOR >

CN201	1-784-922-11	PIN, CONNECTOR 5P

< JACK >

J298	1-819-187-11	PIN JACK 3P (VIDEO, AUDIO//VIDEO 3 IN/PORTABLE AV IN)

< RESISTOR >

R298	1-247-831-91	CARBON	1K	5%	1/4W
R299	1-247-831-91	CARBON	1K	5%	1/4W

< FLAT CABLE >

* W290	1-690-880-31	LEAD (WITH CONNECTOR)

****

MISCELANIOUS
****

8	1-829-023-11	WIRE (FLAT TYPE) (23 CORE)
⚠57	1-829-627-11	POWER-SUPPLY CORD
59	1-828-993-11	WIRE (FLAT TYPE) (17 CORE)
60	1-828-963-11	WIRE (FLAT TYPE) (11 CORE)
⚠F901	1-532-350-00	FUSE (T4AL/250V)
Q503	6-702-390-01	IC MN2488-OPY-MK
Q504	6-702-391-01	IC MP1620-OPY-MK
Q533	6-702-390-01	IC MN2488-OPY-MK
Q534	6-702-391-01	IC MP1620-OPY-MK
Q653	6-702-390-01	IC MN2488-OPY-MK
Q654	6-702-391-01	IC MP1620-OPY-MK
Q703	6-702-390-01	IC MN2488-OPY-MK
Q704	6-702-391-01	IC MP1620-OPY-MK
Q753	6-702-390-01	IC MN2488-OPY-MK
Q754	6-702-391-01	IC MP1620-OPY-MK
⚠T901	1-443-523-11	POWER TRANSFORMER
TN1	1-693-675-11	TUNER

MEMO

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2006.05	New